

# **Leibniz-ScienceCampus Mannheim Centre for Competition and Innovation (MaCCI)**

Activity Report 2017

Irene Bertschek  
Thomas Fetzer  
Stefan Frübing  
Georg Licht  
Martin Peitz  
Achim Wambach

## **Contact Person**

Dr. Georg Licht (ZEW)

L 7, 1 · 68161 Mannheim

Postfach 10 34 43  
68034 Mannheim

E-Mail [georg.licht@zew.de](mailto:georg.licht@zew.de)  
Telefon +49 621-1235-177  
Telefax +49 621-1235-170

## Contents

|                                                   |    |
|---------------------------------------------------|----|
| Contents.....                                     | 2  |
| 1      MaCCI at a Glance .....                    | 3  |
| 2      MaCCI Snapshots .....                      | 6  |
| 3      Members.....                               | 13 |
| 4      Research Projects and Research Output..... | 18 |
| 5      Events.....                                | 33 |

## **1 MaCCI at a Glance**

### **What is MaCCI?**

“MaCCI” stands for “Mannheim Centre for Competition and Innovation”. Its major objective is to stimulate and disseminate research in the area of competition, regulation and innovation policy, broadly defined.

### **Who are the initiators of MaCCI?**

MaCCI is an initiative by the Centre for European Economic Research (ZEW) and the Department of Law and the Department of Economics of the University of Mannheim. Launched as a virtual platform in 2008, MaCCI has been a ScienceCampus since January 2012.

In January 2018, MaCCI Directors were

- Irene Bertschek (ZEW)
- Thomas Fetzer (University of Mannheim, Department of Law)
- Martin Peitz (University of Mannheim, Department of Economics)
- Achim Wambach (ZEW and University of Mannheim, Department of Economics)

In January 2018, the MaCCI Coordinators were

- Georg Licht (ZEW)
- Stefan Frübing (ZEW, Deputy Coordinator)

### **Who is affiliated to MaCCI?**

The MaCCI community consists of researchers of the ZEW and the University of Mannheim who have a law or economics focus in the fields of competition, regulation and innovation policy.

In January 2018, MaCCI consisted of

- 23 senior members
- 23 junior members, and
- 32 Ph.D. students

MaCCI is supported by an advisory board. In January 2018 it had the following members

- Bruno Jullien (University of Toulouse)
- William E. Kovacic (George Washington University)
- Pierre Larouche (Tilburg University)
- Massimo Motta (ICREA-Universitat Pompeu Fabra and Barcelona Graduate School of Economics)
- Jorge Padilla (Compass Lexecon)
- Heike Schweitzer (Free University of Berlin)
- Fiona M. Scott Morton (Yale University)

### **What does MaCCI do?**

The key aim of MaCCI is to foster interdisciplinary research in the area of competition, regulation and innovation policy. MaCCI research contributes to fundamental problems in economics and law as they apply to competition, regulation and innovation issues. MaCCI projects and publications also contribute to the ongoing policy debate at the international, European and German level.

MaCCI provides a platform for discussions between academic researchers and practitioners through the organization of recurrent events such as

- the MaCCI Annual Conference,
- the Mannheim Energy Conference,
- the MaCCI Law & Economics Conference,
- the MaCCI Summer Institute on Competition Policy
- the Mannheim Competition Policy Forum (MCPF)

MaCCI also holds other expert workshops and conferences on specific topics.

**How is MaCCI connected?**

MaCCI is member of the Centre on Regulation in Europe (CERRE)

MaCCI is member of the Competition Law and Economics European Network (CLEEN)

MaCCI is collaborating institution of Competition and Regulation European Summer School (CRESSE)

## 2 MaCCI Snapshots

In 2017, MaCCI members were active in many areas of both the academic community and practice. On the next few pages, we would like to highlight several key events as well as specific achievements by current or former MaCCI members.

*December 2017: MaCCI Researchers Part of a New Collaborative Research Center Starting January 2018*

The Collaborative Research Center (CRC) TR 224, a cooperation of the University of Bonn and the University of Mannheim has been approved by the DFG (German Research Foundation).

The CRC Transregio addresses three key societal challenges, including how to promote the equality of opportunity; how to regulate markets in light of the internationalization and digitalization of economic activity; and how to safeguard the stability of the financial system. The distinguishing feature of the CRC Transregio is that it views these challenges as inherently interconnected; its goal is to analyze and provide policy proposals that address them.

The DFG funds the CRC over the next four years with more than nine million euros. Funding can be extended by two further funding periods to a total of 12 years. Sven Rady, Professor of Economics at the University of Bonn and Spokesperson of the CRC stresses that the CRC's research projects will lead to novel institutional and policy solutions based on the wide-ranging methodological spectrum of expertise in theoretical and empirical economics. Martin Peitz, MaCCI researcher in Mannheim and Deputy Spokesperson of the CRC points out that the CRC will benefit from the strong complementarities between the projects within each pillar, across the three pillars but most importantly also between the two locations, Bonn and Mannheim. As a result, the CRC will be able to generate internationally visible research that highlights economics as a social science addressing societal challenges.

MaCCI researchers figure prominently in the team of principal investigators of the CRC: Andreas Engert, Harald Fadinger, Jens-Uwe Franck, Volker Nocke, Martin Peitz, Michelle Sovinsky, Konrad Stahl, Emanuele Tarantino, Elu von Thadden, Thomas Tröger, and Ulrich Wagner. Many other MaCCI researchers at the doctoral and postdoctoral level are included in the CRC.

#### *December 2016: MaCCI Competition and Regulation Day*

The MaCCI Competition and Regulation Day is an interdisciplinary event in which selected doctoral students, postdocs and professors from ZEW and the University of Mannheim present their research to a large and mostly internal audience. On December 1 the 5th edition of the event took place. The event included a MaCCI Lunch to facilitate the interdisciplinary exchange between lawyers and economists who work in Mannheim.

#### *November 2017: Several Mannheim Competition Policy Events*

The Mannheim Competition Policy Forum (MCPF) seminar series, which was founded in September 2008, is providing a platform for the discussion of recent cases, general competition policy issues, and relevant academic research in the field. Renowned practitioners and academics have been presenting their views on cases and general policy questions.

Starting from its 10th academic year, the series is formally integrated in the competition and regulation tracks of master programs for law and economics students at the University of Mannheim. This autumn, the presenters were Thomas Fetzer (21 September), Peter Abegg (5 October), Armin Schmutzler (19 October), Dragan Jovanovic (2 November), Pierre Regibeau (16 November) and Giulio Federico (30 November).

#### *November 2017: MaCCI Law and Economics Conference on Big Data*

On November 6 and 7, 2017, the 7th MaCCI Law and Economics Conference took place at the ZEW in Mannheim. This year the topic was big data. The conference featured a keynote speech of Josef Drexler (MPI Munich), an invited lecture by Alice Hutchings (University of Cambridge), and four panel discussions. This year, the organizers of the event were MaCCI Senior Members Martin Peitz and Thomas Fetzer. About 65 participants from academia, government organizations and private companies attended the event.

*November 2017: MaCCI Board Members Peitz and Wambach at the Inaugural Meeting of the Work Group Competition Economics at the German Cartel Office*

MaCCI members Martin Peitz and Achim Wambach were invited to the new working group on competition economics at the German Cartel Office, Germany's competition authority. In a one-day event, they discussed recent decisions by the German Cartel Office, together with seven other economists from academia, the president of the German Cartel Office Andreas Mundt, and members from the economics group of the Cartel Office headed by chief economist Arno Rasek.

*October 2017: MaCCI Workshop with German Ministry for Economics on the Institutional Design of a Framework for the Digital Economy*

In September 2015, a team of 7 MaCCI members and 2 external cooperation partners was selected to provide expert opinions on a regulatory framework for the digital economy for the German Ministry for Economic Affairs and Energy. Multiple policy events taking place at the premises of the ministry in Berlin and Bonn are substantial to the two year project. On October 5, 2017, an important workshop on possible institutional designs for the digital economy took place in Berlin. MaCCI Senior Member Thomas Fetzer organized the workshop and was the moderator for two panel discussions. In a first round Fetzer discussed with Members of the Deutsche Bundestag what priorities the new government should set for its digital agenda. In a second panel discussion Fetzer debated inter alia with the President of the German Cartel Office Andreas Mundt and the President of the German National Regulatory Agency Jochen Homann whether there is a need for a new Digital Agency as suggested by the white paper „Digital Platforms“ by the Federal Ministry.

*July 2017: 19<sup>th</sup> ZEW Summer Workshop for Young Economists*

From July 24-27, 2017, the 19th ZEW Summer Workshop for Young Economists took place. This event is organized annually, but the topic changes according to the organizing unit and thus the workshop is not always part of the MaCCI schedule. However, in 2017 the organizing ZEW research groups were “Competition and Regulation” and “Market Design” and thus the event was able to attract many promising young researchers in the MaCCI field. The workshop featured the Heinz-König award, a EUR 5000 best paper award named after the ZEW founding director. This year, the prize was jointly awarded to Jiekai Zhang (CREST and ENSAE Paris) and Bernhard Kasberger (University of Vienna). Both winners will return to Mannheim for a research stay.



*June 2017: ICT Conference with Hal Varian and Steve Tadelis*

On June 23-24, 2017, the 15th ZEW Conference on the Economics of Innovation and Communication Technologies took place. Being one of the earliest ICT conferences still held, the event again attracted a number of high-profile attendees, including keynote speakers Hal Varian (University of California, Berkeley and Chief Economist at Google) and Steve Tadelis (University of California, Berkeley and VP Economist of Amazon Inc.).

*June 2017: MaCCI Researchers Active at Summer Workshops*

From June 12-16, 2017, the 7th MaCCI Summer Institute on Competition Policy took place in Romrod Castle, Germany. The workshop hosted a small group of leading competition economists and discussed recent advances in the academic literature. MaCCI was represented by eight of its most experienced members.

One week earlier, many of MaCCI's doctoral students took the opportunity to participate in the Competition Innovation Summer School (CISS) that was held in Orosei, Italy. CISS is organized by the Düsseldorf Institute for Competition Economics, EPFL Lausanne, KU Leuven, University of Luxemburg and ZEW.

*May 2017: MaCCI Senior Member Ralf-Müller Terpitz Confirmed as KEK Expert Once Again*

At their meeting on 16 March 2017, the prime ministers of the States (Länder) confirmed Prof. Dr. Ralf Müller-Terpitz as an expert for the Kommission zur Ermittlung der Konzentration im Medienbereich (KEK) for five more years. Professor Müller-Terpitz is a member of the commission since 2009, inter alia as chairman and deputy chairman.

As a body of the state media authorities in Germany, the KEK has the task to ensure diversity in the media. Therefore, the commission monitors concentration developments within the national TV market and adjacent media-related markets. For a better integration of its media related expertise and due to its close contact to competition law, the federal legislator also envisages a closer cooperation between the KEK and the Federal Cartel Office in its 9th GWB-

Amendment that will soon come into force. In the future, the KEK shall also be heard before granting a ministerial approval for mergers in the TV market.

The KEK consists of six independent experts and six directors of the state media authorities. The body of experts comprises professors for media law and media economics, two lawyers and one auditor.

#### *April 2017: MaCCI Members at the IIOC in Boston*

The International Industrial Organization Conference (IIOC) annually assembles some of the best researchers in the field of competition and innovation. In 2017, MaCCI Members Niklas Dürr, Vitali Gretschko, Michael Hellwig, Reinhold Kesler, Bettina Peters, Dominik Schober, Olga Slivko, Hidenori Takahashi, Emmanuele Tarantino and Nikolas Wölfling seized the opportunity to present their work to the audience in the United States.

#### *March 2017: MaCCI Annual Conference*

On 16 and 17 March 2017, the Centre for European Economic Research (ZEW) and the University of Mannheim jointly organized the sixth annual conference of the Mannheim Centre for Competition and Innovation (MaCCI). About 100 participants, including many renowned researchers and practitioners, attended the event to discuss cutting-edge and highly relevant research issues with regard to competition and innovation from an economic and legal perspective.

The highlight of the conference marked the keynote speech by Professor Massimo Motta, PhD (Barcelona Graduate School of Economics), who spoke in great detail about his recent three-year activity as Chief Economist in the European Commission's Directorate-General for Competition (DG Comp).

At the core of this year's conference were once again the parallel 30-minute sessions, featuring 43 cutting-edge economic and jurisprudential research contributions, which were presented by the respective authors and discussed by another researcher with a similar research focus. Particularly interesting were the sessions focusing on topics which are currently being widely dis-

cussed in academia, such as price disparity clauses, big data and platform markets. In a plenary session on the analysis of bidding competition in merger cases, Thilo Klein (Compass Lexecon), Giulio Federico, Ph.D. (DG Comp) and Dr. Alexander Rinne (Milbank) discussed the current work of competition authorities and consultancy firms in this area.

Just like in the previous years, the conference achieved its aim to promote the exchange between researchers from the fields of economics and law on the one hand, and between science and practice on the other hand.

#### *January 2017: MaCCI Supports Master Programs on Competition and Regulation*

MaCCI is proud to announce the launch of new competition and regulation master programs for lawyers and economists at the University of Mannheim. The new programs started in the academic year 2017/18 with the first acceptances in September 2017. Both programs are interdisciplinary, which means that economists will learn about competition law and lawyers will take courses in competition economics. The Mannheim Competition Policy Forum will be an official part of both programs and enables the students to get in touch with prospective employers. Those include specialized law firms, economic consultancies, and governmental institutions like ministries, the European Commission, competition authorities and regulatory agencies. In addition, MaCCI is also looking forward to recruit future doctoral students from the program.

### 3 Members

The Leibniz-ScienceCampus MaCCI is an initiative by the Centre for European Economic Research (ZEW) and the Department of Law and the Department of Economics of the University of Mannheim. The members of MaCCI have to have an affiliation to at least one of the two founding institutions.



*MaCCI Members*

In January 2018, MaCCI had 23 senior members (full professors and heads of research units at ZEW), 23 junior members (post-docs and assistant professors) and 32 doctoral students. It therefore is one of the largest centers worldwide for law and economics research in the fields of competition, regulation and innovation.

In January 2018 the following researchers were members of MaCCI.

#### **Senior Members**

Irene Bertschek (ZEW)

Andreas Engert (U. Mannheim, Law)

Harald Fadinger (U. Mannheim, Economics)

Thomas Fetzner (U. Mannheim, Law)

Jens-Uwe Franck (U. Mannheim, Law)

Vitali Gretschko (ZEW)

Friedemann Kainer (U. Mannheim, Law)  
Jan Klement (U. Mannheim, Law)  
Georg Licht (ZEW)  
Ralf Müller-Terpitz (U. Mannheim, Law)  
Nadine Klass (U. Mannheim, Law)  
Volker Nocke (U. Mannheim, Economics)  
Henrik Orzen (U. Mannheim, Economics)  
Martin Peitz (U. Mannheim, Economics)  
Bettina Peters (ZEW)  
Moritz Renner (U. Mannheim, Law)  
Michelle Sovinsky (University of Mannheim, Economics)  
Konrad Stahl (U. Mannheim, Economics)  
Jochen Streb (U. Mannheim, Economics)  
Elu von Thadden (U. Mannheim, Economics)  
Thomas Tröger (U. Mannheim, Economics)  
Ulrich Wagner (University of Mannheim, Economics)  
Achim Wambach (ZEW)

### **Junior Members**

Hannes Beyerbach (U. Mannheim, Law)  
Philipp Boeing (ZEW)  
Wolfgang Briglauer (ZEW)  
Miriam Buiten (U. Mannheim, Law)  
Nicolas Fugger (ZEW)  
Takakazu Honryo (U. Mannheim, Economics)

Harim Kim (U. Mannheim, Economics)  
Mila Köhler (ZEW)  
Yanping Liu (U. Mannheim, Economics)  
Kathleen Nosal (U. Mannheim, Economics)  
Maikel Pellens (ZEW)  
Fabienne Rasel (ZEW)  
Dominik Schober (ZEW)  
Nicolas Schutz (U. Mannheim, Economics)  
Olga Slivkó (ZEW)  
Hidenori Takahashi (U. Mannheim, Economics)  
Emanuele Tarantino (U. Mannheim, Economics)  
Lea Tochtermann (U. Mannheim, Law)  
Eleftheria Triviza (U. Mannheim, Economics)  
Oliver Woll (ZEW)  
Nikolas Wölfling (ZEW)  
Galina Zudenkova (U. Mannheim, Economics)

#### **Doctoral students**

Allessandra Alloca (U. Mannheim, Economics)  
Robert Aue (U. Mannheim, Economics)  
Janna Axenbeck (ZEW)  
Vanessa Behrens (ZEW)  
Oliver Belitz (U. Mannheim, Law)  
Marius Berger (ZEW)  
Johannes Bersch (ZEW)

Francisco Esteban Cattaneo (U. Mannheim, Economics)

Bianka Dinger (U. Mannheim, Law)

Johannes Dittrich (U. Mannheim, Economics)

Niklas Dürr (ZEW)

Florian Ferrenberg (U. Mannheim, Law)

Stefan Frübing (ZEW)

Philippe Gillen (ZEW)

Michael Hellwig (ZEW)

Reinhold Kesler (ZEW)

Daria Khromenkova (U. Mannheim, Economics)

Maria Krämer (U. Mannheim, Law)

Bastian Krieger (ZEW)

Daniil Larionov (U. Mannheim, Economics)

Niccolo Lomys (U. Mannheim, Economics)

David Mattern (U. Mannheim, Law)

Andreas Michl (U. Mannheim, Law)

Heinrich Nemecek (U. Mannheim, Law)

Eric Niederprüm (U. Mannheim, Law)

Marcel Preuß (U. Mannheim, Economics)

Andreas Rief (U. Mannheim, Law)

Tobias Riehm (ZEW)

Markus Trunschke (ZEW)

Fabian Uebele (U. Mannheim, Law)

Simona Wagner (ZEW)

Yihan Yan (U. Mannheim, Economics)

## **People who left MaCCI in 2017 and their new affiliation (if known)**

### *Former Senior Members:*

Kai Hüscherlath (Schmalkalden University of Applied Sciences)

### *Former Junior Members:*

Raffaele Fiocco (University Rovira I Virgili, Reus)

Sven Heim (Mines ParisTech)

Ulrich Laitenberger (Télécom ParisTech)

Andras Niedermayer (Université Paris-Dauphine)

Patrick Schulte (Bundesbank)

Chengsi Wang (Monash University)

### *Former Doctoral Students:*

Elke Balzer (Public Prosecutor's Office)

Elisabeth Bauer

Paul Hünermund (University of Maastricht)

Markus Kohlmann

Christoph Wolf (Bocconi University)

Daniel Widmann

## 4 Research Projects and Research Output

MaCCI members were very active in conducting research in the areas of competition, regulation and innovation law and economics. In the following, we start off by briefly describing one large MaCCI project. In addition, we provide a full list of all publications achieved by MaCCI members in 2017.

### Research Projects

#### *EXPERT DIALOGUE REGULATORY FRAMEWORK FOR THE DIGITAL ECONOMY*

Apart from independent research projects, one of MaCCI's tasks and goals is also to provide expert opinions for policymakers. From September 2015 to August 2017, MaCCI showed and evaluated policy options for a regulatory framework for the digital economy in a project that was commissioned by Germany's Federal Ministry for Economic Affairs and Energy (BMWi). The project dealt with the digital economy in the strict sense, i.e. the provision of digital infrastructure, content and services, and with the digitalization of other sectors of the economy. Based on a meta study that surveyed the current state of the digital economy, the project partners looked at different aspects more in depth in several studies. These were discussed in workshops with stakeholders from business, science, and politics. The project team consisted of seven MaCCI members as well as Prof. Dr. Heike Schweitzer (Free University of Berlin) and Prof. Dr. Jan Krämer (University of Passau).

Internet:

<http://www.zew.de/en/projects/1519>

### Full research output of MaCCI members in 2017

In 2017, MaCCI members were very successful in publishing papers in top law and top economics journals as well as applied journals and chapters in books. In the following, we provide a complete list of the research output of MaCCI members in 2017.

## Publications in Journals

*Published:*

Acs, Zoltán J., David B. Audretsch, Erik E. Lehmann and **Georg Licht** (2017). "National Systems of Innovation", *Journal of Technology Transfer* 42(5), 997-10.

Bergler, Julian, **Sven Heim** and **Kai Hüschelrath** (2017). "Strategic Capacity Withholding Through Failures in the German-Austrian Electricity Market", *Energy Policy* 102, 210-221.08.

**Beyerbach, Hannes** (2017). "Rezension zu: Alfred G. Debus (Hrsg.), Informationszugangsrecht Baden-Württemberg", *Verwaltungsblätter für Baden-Württemberg*, 439-440.

**Böing, Philipp**, Zhao Rong and Xiaokai Wu (2017). "The Effect of Institutional Ownership on Firm Innovation: Evidence from Chinese Listed Firms", *Research Policy* 46, 1533-1551.

Breinlich, Holger, **Volker Nocke**, and **Nicolas Schutz** (2017). "International Aspects of Merger Policy: A Survey", *International Journal of Industrial Organization* 50, 415-429.

**Briglauer, Wolfgang** and Ingo Vogelsang (2017). "A Regulatory Roadmap to Incentivize Investment in New High-Speed Broadband Networks", *DigiWorld Economic Journal* 106, 143-160.

Büchner, Jens, Philipp Hörnig, Vigen Nikogosian, **Dominik Schober**, Hartmut Weyer and **Oliver Woll** (2017). "Modernisierung des Systems aus Netzentgelten, Umlagen und Steuern - Effektive Klimapolitik erfordert eine systemische Reform", et - *Energiewirtschaftliche Tagesfragen* 11/2017, 51-55.

Cinnirella, Francesco, and **Jochen Streb**. "The role of human capital and innovation in economic development: evidence from post-Malthusian Prussia". *Journal of Economic Growth*, 2017, 22(2), pp.193-227.

Dachs, Bernhard, Martin Hud, Christian Köhler and **Bettina Peters** (2017). "Innovation, Creative Destruction, Structural Change: Firm-level Evidence from European Countries", *Industry and Innovation* 24(4), 325-345

**Dürr, Niklas** and **Kai Hüschelrath** (2017). "Patterns of Entry and Exit in the Deregulated German Interurban Bus Industry", *Transport Policy* 59, 196-208.

**Dürr, Niklas** and **Kai Hüschelrath** (2017). "Deregulation and the Determinants of Network Access: Evidence from the German Interurban Bus Industry", *Applied Economics Letters* 24 (13), 950-955.

**Fetzer, Thomas** (2017). "Zulässigkeit von Zero-Rating-Angeboten und Traffic-Shaping-Maßnahmen – Zulässigkeitsregelungen der europäischen Netzneutralitätsverordnung", *MutliMedia und Recht*, 579-583.

**Fetzer, Thomas, Wolfgang Briglauer, Carlo Cambini** and **Kai Hüschelrath** (2017). "The European Electronic Communications Code: A Critical Appraisal with a Focus on Incentivizing Investment in Next Generation Broadband Networks", *Telecommunications Policy*, 1-14.

**Franck, Jens Uwe** (2017). "Rights, remedies, and effective enforcement in air transportation: Ruijsenaars", *Common Market Law Review* 54, 1867-1886.

**Franck, Jens Uwe** (2017). "Zwischen Marktordnung und Interessenausgleich: Pauschalierung von Kartellschäden und AGB-Recht", *Zeitschrift für das gesamte Handelsrecht und Wirtschaftsrecht*, 955-1006.

**Franck, Jens Uwe** (2017). "Implementation of the EU Damages Directive into Member State law. Binding effect of decisions of national authorities. Introduction with some comparative remarks from a German perspective", *Concurrences Review* 3, 37-40.

**Heim, Sven, Kai Hüschelrath, Philipp Schmidt-Dengler** and **Maurizio Strazzeri** (2017). "The Impact of State Aid on the Survival and Financial Viability of Aided Firms", *European Economic Review* 100, 193-214.

**Heim, Sven, Luigi Grossi** and **Michael Waterson** (2017). "The Impact of the German Response to the Fukushima Earthquake", *Energy Economics* Volume 66, 450 - 465.

**Hellwig, Michael** and **Kai Hüschelrath** (2017). "Cartel Cases and the Cartel Enforcement Process in the European Union 2001-2015: A Quantitative Assessment", *Antitrust Bulletin* 62 (2), 400-438.46-381.

Hiedemann, Bridget, **Michelle Sovinsky**, and Steven Stern. "Will you still want me tomorrow? The dynamics of families' long-term care arrangements." *Journal of Human Resources*, 0213-5454R1.

**Hüschelrath, Kai** and **Ulrich Laitenberger** (2017). "The Settlement Procedure in the European Commission's Cartel Cases: An Early Evaluation", *Journal of Antitrust Enforcement* Volume 5(3), 458–487.

**Kainer, Friedemann** (2017). "Tarifverträge im Fokus des Kartellrechts: zum Urteil des EFTA-Gerichtshofs E-14/15 (Holship) vom 19.04.2016", *Europäische Zeitschrift für Arbeitsrecht*, 90-100.

**Kainer, Friedemann** (2017). "Anmerkung zu EuGH, Urteil vom 06.04.2017, Rs. C-668/15, Jyske Finans A/S./. Ligebehandlingsnævnet", *Kommentierte BGH-Rechtsprechung Lindenmaier-Möhring*, 393461.

**Kainer, Friedemann** (2017). "Deutsche Mitbestimmung zur Wahl von Arbeitnehmervertretern im Aufsichtsrat – Anmerkung zu EuGH, Urt. vom 18.07.2017, Rs. C-566/15, Erzberger/TUI", *Neue Juristische Wochenschrift*, 2603-2605.

**Kainer, Friedemann** (2017). "Nach den Wahlen in London: Richtung „Hard“ oder „Soft“ Brexit?", Editorial, *Zeitschrift für das Privatrecht der Europäischen Union*, 157.

**Kainer, Friedemann** and Johannes Persch (2017). "Die intertemporale Anwendbarkeit des § 33 Abs. 5 GWB zwischen Rückwirkung und Gleichbehandlung – Anmerkung zum Urteil des OLG Karlsruhe v. 9.11.2016 – Grauzementkartell II", *Neue Zeitschrift für Kartellrecht*, 364-368.

**Kainer, Friedemann** and Michael Schweipert (2017). "Werkverträge und verdeckte Leiharbeit nach dem neuen Arbeitnehmerüberlassungsgesetz", *Neue Zeitschrift für Arbeitsrecht*, 13-18.

**Kainer, Friedemann** and Christian Weber (2017). "Datenschutzrechtliche Aspekte des „Talentmanagements“, *Betriebs-Berater*, 2740-2747.

Karle, Heiko and **Martin Peitz**. "De-targeting: Advertising an Assortment of Products to Loss-Averse Consumers", *European Economic Review* 95, 103-124 (2017).

Kühling, Jürgen and **Achim Wambach** (2017). "Ministererlaubnisverfahren – Kein Anlass zu grundlegenden Reformen", *Wirtschaft und Wettbewerb* 1.

Le Coq, Chloé, **Henrik Orzen**, and Sebastian Schwenen, "Pricing and Capacity Provision in Electricity Markets: An Experimental Study"; *Journal of Regulatory Economics*, 2017, 51(2), 123-158

Lehmann-Hasemeyer, Sibylle and **Jochen Streb**. "Does Social Security Crowd Out Private Savings? The Case of Bismarck's System of Social Insurance." *European Review of Economic History* (2017): 1-24.

Mailath, George J., **Volker Nocke**, and Lucy White (2017). "When and How the Punishment Must Fit the Crime," *International Economic Review* 58, 315-330.

Mezőfi, Balázs, **Andras Niedermayer**, Daniel Niedermayer, and Balázs Márton Süli (2017). "Solvency II reporting: How to interpret funds' aggregate solvency capital requirement figures", *Insurance: Mathematics and Economics* 76,164-171.

**Müller-Terpitz, Ralf** (2017). "Einbindung von Intermediären in das medienrechtliche System der Vielfaltssicherung", *AfP – Zeitschrift für Medien und Kommunikationsrecht*, 380-384.

**Müller-Terpitz, Ralf** (2017). "Möglichkeiten und Grenzen der Gestaltung von Entgelttarifen durch die Bayerische Medien Technik GmbH", *Zeitschrift für Urheber- und Medienrecht*, 624-632.

**Müller-Terpitz, Ralf** (2017). "Die Zukunft der Akkreditierung nach der bundesverfassungsgerichtlichen Entscheidung vom 17. Februar 2016", *Recht der Jugend und des Bildungswesens*, 23-33.

Narita Daiju and **Ulrich J. Wagner**; "Strategic uncertainty, indeterminacy, and the formation of international environmental agreements", *Oxford Economic Papers*, Volume 69, Issue 2, 1 April 2017, Pages 432–452.

**Nocke, Volker** and **Nicolas Schutz** (2017). "Quasi-Linear Integrability", *Journal of Economic Theory* 169, 603-628.

**Peitz, Martin**, Sven Rady and Piers Trepper. "Experimentation in Two-Sided Markets", *Journal of the European Economic Association* 15, 128-172 (2017).

**Pellens, Maikel** and Antonio Della Malva (2017), "Corporate science, firm value, and vertical specialization: evidence from the semiconductor industry", *Industrial and Corporate Change* 40, 1-17.

**Peters, Bettina**, Mark J. Roberts and Van Anh Vuong (2017), "Dynamic R&D Choice and the Impact of the Firm's Financial Strength", *Economics of Innovation and New Technology* 26(1-2), 134-149.

**Peters, Bettina**, Mark J. Roberts, Van Anh Vuong and Helmut Fryges (2017), "Estimating Dynamic R&D Demand: An Analysis of Costs and Long-Run Benefits", *RAND Journal of Economics* 48(2), 409-437.

**Rasel, Fabienne** (2017), "ICT and Global Sourcing - Evidence for German Manufacturing and Service Firms, *Economics of Innovation and New Technology*" 26(7), 634 - 660.

Richter, Daniel and **Achim Wambach** (2017), "Aufsicht der deutschen Flughäfen nicht dem Eigentümer überlassen", *Wirtschaftsdienst* 5, 339-343.

Schepp, Nils-Peter and **Achim Wambach** (2017), "VW, Lufthansa: Verzerrt eine zu große Nähe der Politik zur Industrie den Wettbewerb?", *ifo Schnelldienst* 20, 3-5.

Senftleben, M., Kerk, M, **Buiten, M. C.** and Heine, K. (2017). "New Rights or New Business Models? An Inquiry into the Future of Publishing in the Digital Era", *IIC - International Review of Intellectual Property and Competition Law*, 48(5), 538-561.

**Stahl, Konrad** and Roland Strausz (2017). "Certification and Market Transparency", *Review of Economic Studies*, 87(4), 1842-1868.

**Wambach, Achim** (2017). "Auch im Gigabit-Zeitalter bleibt Breitbandausbau im Wettbewerb vorrangig", *Netzwirtschaften & Recht* 6, 257.7.

**Wambach, Achim** (2017). "Chancen der Digitalisierung ergreifen und Energiewende auf den richtigen Weg bringen", *Wirtschaftsdienst* 11, 764-767.

**Wambach, Achim** (2017). "Bundesbeteiligungen verringern", *Wirtschaftsdienst* 3, 156.

**Zudenkova, Galina** (2017). "Lobbying as a Guard against Extremism," *B.E. Journal of Economic Analysis & Policy* 17 1-17

*Forthcoming:*

**Bertschek, Irene**, Jörg Ohnemus and Steffen Viète (forthcoming), “The ZEW ICT Survey 2002 to 2015: Measuring the Digital Transformation in German Firms”, *Journal of Economics and Statistics*.

Bichler, Martin, **Vitali Gretschko** and Maarten Janssen (forthcoming), “Bargaining in spectrum auctions: A review of the German 2015 LTE auction”, *Telecommunication Policy*.

Boshoff, Willem, **Stefan Frübing** and **Kai Hüschelrath** (forthcoming), “Information Exchange Through Non-binding Advance Price Announcements: An Antitrust Analysis”, *European Journal of Law and Economics*.

**Briglauer, Wolfgang**, Carlo Cambini, Thomas Fetzner and **Kai Hüschelrath** (forthcoming), “The European Electronic Communications Code: A Critical Appraisal with a Focus on Incentivizing Investment in Next Generation Broadband Networks”, *Telecommunications Policy*.

**Dürr, Niklas** and **Kai Hüschelrath** (forthcoming), “Determinants of Entry in the Deregulated German Interurban Bus Industry”, *Industrial and Corporate Change*.

Fink, Nikolaus, **Konrad Stahl**, Philipp Schmidt-Dengler and Christine Zulehner. “Registered Cartels in Austria – An Overview”, *European Journal of Law and Economics*

Gross, Luigi, **Sven Heim**, **Kai Hüschelrath** and Michael Waterson (forthcoming), “Electricity Market Integration and the Impact of Unilateral Policy Reforms”, *Oxford Economic Papers*.

**Hellwig, Michael** and **Kai Hüschelrath** (forthcoming), “When Do Firms Leave Cartels? Determinants and the Impact on Cartel Survival”, *International Review of Law and Economics*.

**Honryo, Takakazu** (forthcoming). "Risky Shifts as Multi-Sender Signaling." *Journal of Economic Theory*.

**Niedermayer, Andras** and **Chengsi Wang** (forthcoming). "A Search Model of Rental Markets: Who Should Pay the Commission?", *International Journal of Industrial Organization*.

**Nocke, Volker** and **Nicolas Schutz** (forthcoming). "Multiproduct-Firm Oligopoly: An Aggregative Games Approach," *Econometrica*.

Hussinger, Katrin and **Maikel Pellens** (forthcoming), "Guilt by association: How scientific misconduct harms prior collaborators", *Research Policy*.

Mimra, Wanda and **Achim Wambach** (forthcoming), "Endogenous insolvency in the Rothschild-Stiglitz Model", *Journal of Risk and Insurance*.

Reaños, Tovar, Miguel Angel and **Nikolas Wölfig** (forthcoming), "Household Energy Prices and Inequality: Evidence from German Microdata Based on the EASI Demand System", *Energy Economics* 70, 84-97.

Wong, Tsz-Ning and **Lily Ling Yang** (forthcoming). "When Does Monitoring Hurt? Endogenous Information Acquisition in a Game of Persuasion", *Economics Letters*.

**Zudenkova, Galina** (forthcoming). "Electoral Accountability and Inter-district Competition," *American Economic Journal: Microeconomics*.

### **Monographs, edited books, and longer studies**

#### *Published:*

Bauckmann, Jana, **Ulrich Laitenberger**, Melanie Schröder and Carsten Telschow (2017), "Rabattverträge", in: Ulrich Schwabe, Dieter Paffrath, Wolf-Dieter Ludwig, Jürgen Klauber Arzneiverordnungs-Report 2017, Springer-Verlag GmbH Germany 2017 181-194.

**Beyerbach, Hannes** (2017). "Die juristische Doktorarbeit. Ein Ratgeber für das gesamte Promotionsverfahren". 2. Auflage, Vahlen, München.

Gawel, Erik, Paul Lehmann, Klaas Korte, Sebastian Strunz, Jana Bovet, Woflgang Köck, Philipp Massier, Andreas Löschel, **Dominik Schober**, Dörte

Ohlhorst, Kerstin Tews, Miranda Schreurs, Matthias Reeg and Sandra Wassermann (2017), "Die Zukunft der Energiewende in Deutschland", in: Jens Schippl, Armin Grunwald, Ortwin Renn Die Energiewende verstehen – orientieren – gestalten, Erkenntnisse aus der Helmholtz-Allianz ENERGY-TRANS, Nomos Verlagsgesellschaft, Baden-Baden, 425-446.

**Gretschko, Vitali**, Stephan Knappek and **Achim Wambach** (2017), "Bidding Complexities in Combinatorial Clock Auctions, in: Martin Bichler and Jacob Gorree Handbook of Spectrum Auction Design", Cambridge University Press.

Lehmann, Paul, Robert Brandt, Erik Gawel, **Sven Heim**, Klaas Korte, Andreas Löschel, Philipp Massier, Matthias Reeg, **Dominik Schober** and Sandra Wassermann (2017), "Braucht Deutschland jetzt Kapazitätzahlungen für eine gesicherte Stromversorgung?", in: Jens Schippl, Armin Grunwald, Ortwin Renn Die Energiewende verstehen – orientieren – gestalten, Erkenntnisse aus der Helmholtz-Allianz ENERGY-TRANS, Nomos Verlagsgesellschaft, Baden-Baden, 449-464.

**Müller-Terpitz, R.**, Menzel, J. (2017). "Verfassungsrechtsprechung. Ausgewählte Entscheidungen des Bundesverfassungsgerichts in Retrospektive", Mohr Siebeck Verlag, 3. Auflage, Tübingen.

**Peters, Bettina**, Christian Rammer and **Bastian Krieger** (2017), "Produktivitätsparadoxon im Maschinenbau", in: VDMA / IMPULS-Stiftung 4. Ordnungspolitisches Kolloquium des VDMA und der IMPULS-Stiftung, Das Produktivitätsparadoxon im Maschinen- und Anlagenbau, Frankfurt am Main, 6-9.

Schweitzer, Heike and **Martin Peitz**. "Datenmärkte in der digitalisierten Wirtschaft: Funktionsdefizite und Regelungsbedarf?" (English title: Data markets in the digitized economy: Functional deficiencies and the need for regulation?), Report for the Federal German Ministry for Economic Affairs and Energy, in German with executive summary in English, available as ZEW discussion paper 17-043.

*Forthcoming:*

Cunat, Alejandro and **Harald Fadinger** . "A Heckscher-Ohlin Model of Offshoring and Exporting", in: Pol Antràs, Wilhelm Kohler and Erdal Yalcin (eds.), *New Developments in Global Sourcing*. MIT Press.

**Heim, Sven, Dominik Schober** and **Oliver Woll** (forthcoming), "Bewertungskriterien von Fördersystemen aus ökonomischer Sicht", in: Jörg Böttcher Rechtliche Rahmenbedingungen für EE-Projekte, Vol. II, BWV Berliner Wissenschafts-Verlag, Berlin,.

## Articles in Anthologies and Miscellaneous

*Published:*

Ali, Sana, **Marius Berger**, Tiago Botelho, Jean-Noël Duvy, Chiara Frenchia, Philippe Gluntz, Aurélie Delater, **Georg Licht**, Jacopo Losso and **Maikel Pel lens** (2017), "Understanding the Nature and Impact of the Business Angels in Funding Research and Innovation." Final Report, European Commission, Brussels.

**Berger, Marius**, Bernhard Boockmann, Gabriel Felbermayr, Charlotte Klempt, Andreas Koch, Wilhelm Kohler, Christian Lerch, Peter Neuhäusler and Christian Rammer (2017), "Strukturanalyse und Perspektiven des Wirtschaftsstandortes Baden-Württemberg im nationalen und internationalen Vergleich", Ministerium für Wirtschaft, Arbeit und Wohnungsbau Baden-Württemberg, Tübingen, Mannheim, München und Karlsruhe.

**Bertschek, Irene**, Daniel Erdsiek, Reinhold Kesler, Thomas Niebel and **Fabienne Rasel** (2017), "Metastudie: Chancen und Herausforderungen der Digitalisierung in Baden-Württemberg", Ministerium für Wissenschaft, Forschung und Kunst Baden-Württemberg; Ministerium für Inneres, Digitalisierung und Migration Baden-Württemberg; Staatsministerium Baden-Württemberg, Mannheim.

**Bertschek, Irene, Reinhold Kesler, Ulrich Laitenberger**, Ecorys, Kantar, TNS Nederland and WIFO (2017), "Business-to-business relations in the online platform environment", European Commission, DG GROW, Brussels.

**Bertschek, Irene**, Jörg Ohnemus, Daniel Erdsiek, Simone Kimpeler and Christian Rammer (2017), “Monitoringbericht der Kultur- und Kreativwirtschaft 2017“, Kurzfassung, Bundesministerium für Wirtschaft und Energie, Berlin.

**Bertschek, Irene**, Jörg Ohnemus, Daniel Erdsiek, Simone Kimpeler, Christian Rammer and Erduana Shala (2017), “Monitoring zu ausgewählten wirtschaftlichen Eckdaten der Kultur- und Kreativwirtschaft 2016“, Langfassung, Mannheim.

**Beyerbach, Hannes** (2017). “Außer Konkurrenz – „Besonderer Schutz“ der Ehe schließt die Gleichstellung Eingetragener Lebenspartnerschaften nicht aus“. BVerfGE 105, 313 ff. – Lebenspartnerschaftsgesetz, in: Menzel, J., Müller-Terpitz, R. (Hrsg.), Verfassungsrechtsprechung. 3. Auflage, Tübingen, 698–708.

**Beyerbach, Hannes** (2017). “Keine Sippenhaft für unverdächtige Parteigenossen. BVerfGE 134, 138 ff. – Bodo Ramelow“, in: Menzel, J., Müller-Terpitz, R. (Hrsg.), Verfassungsrechtsprechung. 3. Auflage, Mohr Siebeck, Tübingen, 931–938.

**Beyerbach, Hannes** (2017). “Freier Zugang zu allen Behördenakten? Ein Blick auf die deutschen Informationsfreiheitsgesetze unter Berücksichtigung ihrer Ausschlussgründe“, in: Bundeskanzleramt Österreich/Land Oberösterreich: Linzer Legistik-Gespräche 2016, 117–144.

**Beyerbach, Hannes** (2017). “Kommentierung des Landesinformationsfreiheitsgesetzes Baden-Württemberg (LIFG), §§ 1–12“, in: Gersdorf, H., Paal, B. (Hrsg.), Beck’scher Online-Kommentar zum Informations- und Medienrecht.

Drösler, Saskia, Edeltraut Garbe, Joerg Hasford, Ingrid Schubert, Volker Ulrich, Wynand van de Ven, **Achim Wambach**, Jürgen Wasem and Eberhard Wille (2017), “Sondergutachten zu den Wirkungen des morbiditätsorientierten Risikostrukturausgleichs“, Bundesministerium für Gesundheit, Bonn.

**Engert, Andreas** (2017). "Bearbeitung von § 5 (Gesellschaftsrecht)", in: Katja Langenbucher (Hrsg.), Europäisches Privat- und Wirtschaftsrecht. 4. Auflage, Nomos, Baden-Baden.

**Engert, Andreas** (2017). "Wozu Konzerne?", in: Siekmann, H., Cahn, A., Florstedt, T., Langenbucher, K., Hövermann, J. R., Tröger, T., Segna U. (Hrsg.), Festschrift für Theodor Baums zum siebzigsten Geburtstag. Mohr Siebeck, Tübingen.

**Fetzer, Thomas** (2017). "BVerfGE 136, 323 – „Spinner“, Äußerungsbefugnis des Bundespräsidenten in Bezug auf politische Parteien", in: Menzel, J., Müller-Terpitz, R. (Hrsg.), Verfassungsrechtsprechung. 3. Auflage, Mohr Siebeck, Tübingen.

**Fetzer, Thomas** (2017). "Telekommunikationsregulierung 4.0", Impulsstudie im Rahmen der Studienreihe Fachdialog Ordnungsrahmen für die digitale Wirtschaft im Auftrag des Bundesministeriums für Wirtschaft und Energie im Rahmen.

**Franck, Jens Uwe** (2017). Law Making and Adjudication for the Internal Market: The Role of Economic Reasoning, in: Riesenhuber, K., (Hrsg.), European Legal Method, Intersentia, Cambridge/Antwerp/Portland, 87–112.

**Franck, Jens Uwe** (2017). "Recht und Ökonomik: Zur Bedeutung rechtlicher Expertise für die Industrieökonomien", in: Rehberg, M. (Hrsg.), Der Erkenntniswert von Rechtswissenschaft für andere Disziplinen, Springer Fachmedien, Wiesbaden, 55–82.

Graumann, Sabine, **Irene Bertschek**, Tobias Weber, Martin Ebert, Michael Weinzierl, Jörg Ohnemus, Christian Rammer, Thomas Niebel, Patrick Schulte and **Johannes Bersch** (2017), "Monitoring-Report Wirtschaft DIGITAL 2017", Bundesministerium für Wirtschaft und Energie, Berlin.

Graumann, Sabine, **Irene Bertschek**, Tobias Weber, Martin Ebert, Michael Weinzierl, Jörg Ohnemus, Christian Rammer, Thomas Niebel, Patrick Schulte and **Johannes Bersch** (2017), "Monitoring-Report Wirtschaft DIGITAL 2017" - Kurzfassung, Bundesministerium für Wirtschaft und Energie, Berlin.

**Kainer, Friedemann** (2017). "Kommentierung Art. 49–55 AEUV (Niederlassungsfreiheit)", in: Pechstein, M., Nowak, C., Häde, U. (Hrsg.), Frankfurter Kommentar zum EUV, GRC und AEUV, Mohr Siebeck, Tübingen.

**Kainer, Friedemann** (2017). "Das deutsche Mindestlohngesetz bei transnationalen Verkehrsdienstleistungen im Lichte des Europäischen Rechts", in: Winner, M., Cierpial-Magnor, R. (Hrsg.), Arbeitsrecht, Insolvenzrecht, Kreditsicherheiten, 97.

**Kainer, Friedemann** (2017). "The Consequences of Brexit on Services and Establishment: Different Scenarios for Exit and Future Cooperation", Eingehende Analyse zum Workshop des Binnenmarktausschusses am 28.2.2017, <http://www.europarl.europa.eu/committees/de/imco/home.html>.

Kollmann, Dagmar, Jürgen Kühling, Thomas Nöcker, **Achim Wambach** and Angelika Westerwelle (2017), "Sondergutachten 75 der Monopolkommission: Stand und Perspektiven des Wettbewerbs im deutschen Krankenversicherungssystem", Bonn.

Kollmann, Dagmar, Jürgen Kühling, Thomas Nöcker, **Achim Wambach** and Angelika Westerwelle (2017), "Sondergutachten 76 der Monopolkommission: Bahn 2017: Wettbewerbspolitische Baustellen", Bonn.

Kollmann, Dagmar, Jürgen Kühling, Thomas Nöcker, **Achim Wambach** and Angelika Westerwelle (2017), "Sondergutachten 77 der Monopolkommission: Energie 2017: Gezielt vorgehen, Stückwerk vermeiden", Bonn.

Kollmann, Dagmar, Jürgen Kühling, Thomas Nöcker, **Achim Wambach** and Angelika Westerwelle (2017), "Sondergutachten 78 der Monopolkommission: Telekommunikation 2017: Auf Wettbewerb bauen!", Bonn.

Kollmann, Dagmar, Jürgen Kühling, Thomas Nöcker, **Achim Wambach** and Angelika Westerwelle (2017), "Sondergutachten 79 der Monopolkommission: Post 2017: Privilegien abbauen, Regulierung effektiv gestalten!", Bonn.

**Müller-Terpitz, Ralf** (2017). "Staatsferne, Marktferne oder Publikumsferne – Ziele der Medienfinanzierung aus rechtswissenschaftlicher Sicht", in: von Lewinski, K. (Hrsg.), Wer bezahlt, bestellt, (Un-)Abhängigkeiten der Medieninhalte von der Medienfinanzierung. Nomos, Baden-Baden, 33-55.

**Müller-Terpitz, Ralf** and Anne Knodel (2017). "Search Engines (8. Teil: A. – Anforderungen an die Präsentation, B. – Datenschutz, C. – Verantwortlich-

keit), in: Bräutigam, P., Rückert, D. (Hrsg.), E-Commerce, Rechtshandbuch. C. H. Beck, München, 661-705.

**Müller-Terpitz, Ralf** (2017). "Embryonenbegriffe im deutschen und europäischen Recht", in: Dieter Sturma, D., Heinrichs, B., Honnefelder, L. (Hrsg.), Jahrbuch für Wissenschaft und Ethik, Band 22, Walter de Gruyter, Berlin/New York, 87-156.

**Müller-Terpitz, Ralf** (2017). "Urteilsbesprechungen" in: Steinbach, A. (Hrsg.), Verwaltungsrechtsprechung, Mohr Siebeck Verlag, Tübingen, 293-301 und 310-318.

**Müller-Terpitz, Ralf** (2017). "Kommentierung Art. 50 GG", in: Maunz, T., Dürig, G. (Begr.), Grundgesetz, C. H. Beck, München.

**Müller-Terpitz, Ralf** (2017). "Kommentierung Art. 25 (Meinungsvielfalt, regionale Fenster) und 26 (Sicherung der Meinungsvielfalt im Fernsehen) Rundfunkstaatsvertrag", in: Gersdorf, H., Paal, B. (Hrsg.), Kommentar zum Informations- und Medienrecht, C. H. Beck, München. 395-418.

**Müller-Terpitz, Ralf** (2017). "Kommentierung Art. 81 (Prüfungsgegenstand der konkreten Normenkontrolle), Art. 81a (Kammerbeschluss), Art. 82 (verfahrensrechtliche Bestimmungen)", in: Maunz, T., Schmidt-Bleibtreu, B., Klein, F., Bethge, H. (Hrsg.), Bundesverfassungsgerichtsgesetz, C. H. Beck, München.

**Murmann, Martin** (2017), "Auswertungen IAB/ZEW-Gründungspanel, Zusatzstichprobe Baden-Württemberg", L-Bank, Staatsbank für Baden-Württemberg, Mannheim.

**Peitz, Martin** (2017). Book Review: "Virtual Competition: The Promise and Perils of the Algorithm-Driven Economy by Ariel Ezrachi and Maurice E. Stucke", *Journal of Economic Literature* 55, 659-660.

Rammer, Christian, **Marius Berger**, Thorsten Doherr, Martin Hud, **Paul Hünermund**, Younes Iferd, **Bettina Peters** and Torben Schubert (2017), Innovationsverhalten der deutschen Wirtschaft - Indikatorenbericht zur Innovationserhebung 2016, Bundesministerium für Bildung und Forschung, Mannheim.

*Forthcoming:*

**Engert, Andreas** (forthcoming). EU regulation of compensation practices in banks: It's the tail risk, stupid, in: Eidenmüller, H., Habersack M., Klöhn, L.(Hrsg.), European Banking Regulation, München und Oxford.

## 5 Events

In 2017, MaCCI invested substantial financial and human resources in the organization of conferences and workshops. By organizing such events, MaCCI aims to enable interaction between established and young international researchers. It also receives valuable feedback on MaCCI research project output. Other events aim at an audience in Germany to diffuse knowledge.

In the following, we first provide a full list of all MaCCI events in 2017. Further information can be found on the internet at [www.macci.eu](http://www.macci.eu). The programs of the events are also included in the annex to this report.

In addition to dissemination activities to the outside world, MaCCI has established two internal annual events. Each spring it holds the MaCCI IO day which contains cutting-edge research on competition, regulation and innovation issues and stimulates the exchange of ideas between ZEW and University of Mannheim researchers. Each fall (since 2013) it holds the MaCCI Competition and Regulation Day during which researchers from law and economics at the University of Mannheim and ZEW researchers present ongoing research focusing on the interaction between law and economics.

MaCCI is also the catalyzer to communicate economic methods to legal scholars (in particular, doctoral students) and to acquaint economists with legal analysis.

### MaCCI Events

01 December 2017

MaCCI Competition and Regulation Day

06-07 November 2017

MaCCI Law and Economics Conference on Big Data

24-27 July 2017

19th ZEW Summer Workshop on Designing Institutions: Regulation and Markets

23-24 June 2017

15th ZEW Conference on the Economics of Information and Communication Technologies

12-16 June 2017

MaCCI Summer Institute on Competition Policy

5-9 June 2017

Competition and Innovation Summer School

15-16 May 2017

7th ZEW/MaCCI Conference on the Economics of Innovation and Patenting

11-12 May 2017

Mannheim Energy Conference

10 May 2017

MaCCI IO Day

16-17 March 2017

MaCCI Annual Conference of the Leibniz ScienceCampus

### **Additional information**

Section 2, MaCCI Snapshots, describes several of our events in detail.

### **Lectures in MaCCI seminar series**

### **Mannheim Competition Policy Forum (MCPF)**

30 November 2017

Giulio Federico (European Commission)

Horizontal Mergers and Innovation

16 November 2017  
Pierre Regibeau (CRA)  
FRAND Commitments and Standard Essential Patents

02 November 2017  
Dragan Jovanovic (Deutsche Telekom)  
Online Platforms and the (EU) Data Economy - Implications for Competition and Regulation

19 October 2017  
Armin Schmutzler (U Zurich, Vice President Swiss Competition Commission)  
Competition Policy in Switzerland - An Economist's Perspective

05 October 2017  
Peter Abegg (Deutsche Bahn AG)  
Infrastructure Investment Under Regulation

21 September 2017  
Thomas Fetzer (University of Mannheim)  
Zero Rating, Traffic Shaping, and the European Net Neutrality Regulation 2015/2120

04 May 2017  
Andrew Daughety and Jennifer Reinganum (Vanderbilt University)  
Information Suppression by Teams and Violations of the Brady Rule

02 March 2017  
Carlo Cambini (Turin School of Local Regulation)  
Regulation and Investment in European High-Speed Broadband Infrastructure

23 February 2017  
Toshiaki Yamanaka (University of Tokyo)  
Liabilities and Remedies of Directors and Officers: A Comparative Perspective

### **Mannheim Law and Economics Forum (MaLEF)**

04 May 2017  
Prof. Andrew Daughety and Prof. Jennifer Reinganum (Vanderbilt University)  
Information Suppression by Teams and Violations of the Brady Rule

23 March 2017

Prof. Dr. Jaka Cepec (University of Ljubljana)

Debt Recovery in Firm Liquidations: Do Liquidation Trustees Matter?

23 February 2017

Dr. Toshiaka Yamanaka (University of Tokyo)

Liabilities and Remedies of Directors and Officers: A Comparative Perspective

## **Annex**

In this Annex, we include the programs of all MaCCI events organized in 2017.

Annual Conference of the Leibniz Science Campus  
**MaCCI Mannheim Centre for Competition and Innovation**

16<sup>th</sup> to 17<sup>th</sup> March 2017

**Thursday, 16 March 2017**

|                   |                                                                                 |
|-------------------|---------------------------------------------------------------------------------|
| 12:00 – 1:15 p.m. | <b>Arrival and Registration</b><br><i>Fingerfood, Coffee and Drinks</i>         |
| 1:15 – 1:30 p.m.  | <b>Welcome</b><br><b>Martin Peitz</b> (University of Mannheim, CERRE and MaCCI) |
| 1:30 – 3:00 p.m.  | <b>Parallel Sessions I</b>                                                      |
| 3:00 – 3:30 p.m.  | <i>Coffee Break</i>                                                             |
| 3:30 – 5:00 p.m.  | <b>Parallel Sessions II</b>                                                     |
| 5:00 – 5:30 p.m.  | <i>Coffee Break</i>                                                             |
| 5:30 – 7:00 p.m.  | <b>Parallel Sessions III</b>                                                    |
| 8:00 p.m.         | <b>Conference Dinner</b> (supported by Compass Lexecon)                         |

**Friday, 17 March 2017**

|                         |                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9:00 – 10:00 a.m.       | <b>Keynote: The Problems with Merger Control</b><br><b>Massimo Motta</b> (Barcelona Graduate School of Economics)<br>Chair: Thomas Fetzer                                                                                                   |
| 10:00 – 10:30 a.m.      | <i>Coffee Break</i>                                                                                                                                                                                                                         |
| 10:30 a.m. – 12:00 p.m. | <b>Plenary Session: Analysis of Bidding Competition in Merger Cases</b><br><b>Giulio Federico</b> (European Commission, DG Competition)<br><b>Alexander Rinne</b> (Milbank, Tweed, Hadley & McCloy)<br><b>Thilo Klein</b> (Compass Lexecon) |
| 12:00 – 1:30 p.m.       | <i>Lunch Break</i>                                                                                                                                                                                                                          |
| 1:30 – 3:00 p.m.        | <b>Parallel Sessions IV</b>                                                                                                                                                                                                                 |
| 3:00 – 3:30 p.m.        | <i>Coffee Break</i>                                                                                                                                                                                                                         |
| 3:30 – 5:00 p.m.        | <b>Parallel Sessions V</b>                                                                                                                                                                                                                  |
| 5:00 p.m.               | <i>Farewell</i>                                                                                                                                                                                                                             |

| 13:30-15:00 | Room Brussels                                                                                                                                                                                                     | Room 1                                                                                                                                                                                                                            | Room 2                                                                                                                                                                                                                                                                 |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|             | (A) Platforms I                                                                                                                                                                                                   | (B) Innovation                                                                                                                                                                                                                    | (C) Retail Markets                                                                                                                                                                                                                                                     |
|             | <i>Chair:</i> Martin Peitz                                                                                                                                                                                        | <i>Chair:</i> Emanuele Tarantino                                                                                                                                                                                                  | <i>Chair:</i> Oren Rigbi                                                                                                                                                                                                                                               |
|             | <p>Oezlem BEDRE-DEFOLIE (ESMT Berlin) &amp; Simon Anderson</p> <p><b>Optimal variety and pricing of a trade platform</b></p> <p>Discussant: Jerome Pouyet</p>                                                     | <p>Thanos ATHANASOPOULOS (Leicester Business School and De Montfort University)</p> <p><b>Incentives to Innovate, Compatibility and Welfare in Durable Markets with Network Effects</b></p> <p>Discussant: Emanuele Tarantino</p> | <p>Samuel DE HAAS (University of Gießen), Daniel Herold &amp; Jan Thomas Schäfer</p> <p><b>Shopping hours and entry - A case study on Aldi</b></p> <p>Discussant: Oren Rigbi</p>                                                                                       |
|             | <p>Francisco RUIZ-ALISEDA (Pontifical Catholic University of Chile) &amp; Gaston Llanes</p> <p><b>Private contracts in two-sided markets</b></p> <p>Discussant: Chiara Fumagalli</p>                              | <p>Markus REISINGER (Frankfurt School of Finance and Management) &amp; Emanuele Tarantino</p> <p><b>Patent Pools in Input Markets</b></p> <p>Discussant: Johannes Koenen</p>                                                      | <p>Mai Thi NGUYEN (Norwegian School of Economics), Øystein Foros &amp; Frode Steen</p> <p><b>The Effects of a Day Off from Retail Price Competition: Evidence on Consumer Behavior and Firm Performance in Gasoline Retailing</b></p> <p>Discussant: Daniel Herold</p> |
|             | <p>Doh-Shin JEON (Toulouse School of Economics), Byung-Cheol Kim &amp; Domenico Menicucci</p> <p><b>Second-degree Price Discrimination by a Two-sided Monopoly Platform</b></p> <p>Discussant: Roland Strausz</p> | <p>Emanuele TARANTINO (University of Mannheim &amp; MaCCI) &amp; Bernhard Ganglmair &amp; Timothy Simcoe</p> <p><b>Learning When to Quit</b></p> <p>Discussant: Maria García-Vega</p>                                             | <p>Oren RIGBI (Ben-Gurion University) &amp; Itai Ater</p> <p><b>The Effect of Mandatory Disclosure of Retail Prices: Evidence from the Israeli Supermarket Industry</b></p> <p>Discussant: Mai Thi Nguyen</p>                                                          |
| 15:00-15:30 | Coffee Break                                                                                                                                                                                                      |                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                        |

Parallel sessions II

|             | Room Brussels                                                                                                                                                            | Room 1                                                                                                                                                                                    | Room 2                                                                                                                                                               |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 15:30-17:00 | (A) Platforms II<br><i>Chair: Markus Reisinger</i>                                                                                                                       | (B) Empirical Advances in Competition Economics<br><i>Chair: Sven Heim</i>                                                                                                                | (C) Recent Advances in Competition Law<br><i>Chair: Thomas Fetzer</i>                                                                                                |
|             | Johannes DITTRICH (University of Mannheim & MaCCI), Heiko Karle & Heiner Schumacher<br><br><b>Selling News Information to Consumers</b><br><br>Discussant: Doh-Shin Jeon | Maude HASBI (Telecom ParisTech)<br><br><b>Impact of Superfast Broadband on Local Economic Growth: Empirical Evidence Using a Matching Estimator</b><br><br>Discussant: Wolfgang Briglauer | Jotte MULDER (Europa Institute Utrecht University)<br><br><b>EU competition law versus private regulation: enabling or restrictive?</b><br>Discussant: Carsten König |
|             | Slobodan SUDARIC (Humboldt University of Berlin) & Philipp Dimakopoulos<br><br><b>User Data and Platform Competition</b><br><br>Discussant: Francisco Ruiz-Aliseda       | Maria GARCIA-VEGA (University of Nottingham), Patricia Hofmann & Richard Kneller<br><br><b>Multinationals and the Globalization of R&amp;D</b><br><br>Discussant: Patrick Schulte         | Anna BUTENKO (University of Amsterdam and TILEC)<br><br><b>Sharing Energy: Dealing With Regulatory Disconnect in Dutch Energy Law</b><br>Discussant: Jotte Mulder    |
|             | Jérôme POUYET (Paris School of Economics) & Thomas Tregouet<br><br><b>Vertical Mergers in Platform Markets</b><br>Discussant: Oezlem Bedre-Defolie                       | Sven HEIM (ZEW & MaCCI), Kai Hüschelrath, Ulrich Laitenberger, Yossi Spiegel<br><br><b>Minority Shares and Cartel Stability</b><br><br>Discussant: Christine Zulehner                     | Carsten KÖNIG (University of Göttingen)<br><br><b>The Imposition of “Follow-on Penalties” on Managers and Employees</b><br><br>Discussant: Anna Butenko              |
| 17:00-17:30 | Coffee Break                                                                                                                                                             |                                                                                                                                                                                           |                                                                                                                                                                      |

Parallel sessions III

|             | Room Brussels                                                                                                                                                                                                            | Room 1                                                                                                                                             | Room 2                                                                                                                                                                               |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 17:30-19:00 | (A) Auctions<br><br><i>Chair:</i> Hidenori Takahashi                                                                                                                                                                     | (B) Search & Switching<br><br><i>Chair:</i> Rune Stenbacka                                                                                         | (C) Law and Economics<br><br><i>Chair:</i> Kai Hüscherlath                                                                                                                           |
|             | Christoph WOLF (University of Mannheim & MaCCI) & Stefan Weiergraeber<br><b>The Effect of Revenue Uncertainty on Procurement Outcomes: Evidence from German Railway Passenger Services</b><br>Discussant: Nicolas Fugger | Daniel GARCIA (University of Vienna)<br><br><b>Dynamic Pricing with Search Frictions</b><br><br>Discussant: Jose Moraga                            | Or BROOK (University of Amsterdam)<br><b>The political role of BERs in balancing competition and non-competition interests: An Empirical Coding</b><br><br>Discussant: Miriam Buiten |
|             | Vladimir MARES (INSEAD), Luke M. Froeb & Steven Tschantz<br><br><b>Horizontal Mergers in Optimal Auctions</b><br>Discussant: Frank Schlütter                                                                             | Jose MORAGA (Vrije Universiteit Amsterdam) & Yajie Sun<br><br><b>Quality Provision and Welfare in Search Markets</b><br>Discussant: Rune Stenbacka | Miriam BUITEN (Erasmus University Rotterdam), Peter van Wijck, Jan Kees Winters<br><b>Do private damages actions drive out leniency applications?</b><br>Discussant: Elias Deutscher |
|             | Christine ZULEHNER (Goethe University of Frankfurt), Michael Weichselbaumer & Klaus Gugler<br><b>Evaluation of bidding groups in first-price auctions</b><br>Discussant: Hidenori Takahashi                              | Rune STENBACKA (Hanken School of Economics) & Tuomas Takalo<br><b>Switching Costs and Financial Stability</b><br><br>Discussant: Daniel Garcia     | Johannes MUTERS (University of Würzburg) & Matthias Hunold<br><b>Capacity constrained price competition with transportation costs</b><br>Discussant: Jean-Philippe Tropeano          |

|       |                                                                                                                                                                                                                                                                          |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 20:00 | <p><b>Conference Dinner (supported by Compass Lexecon)</b><br/> <i>Location: Restaurant "Die Küche" (Hafenstr. 49, 68159 Mannheim)</i><br/> <i>Please note that participation in the dinner is limited to participants who registered for the dinner in advance.</i></p> |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Parallel sessions IV

|             | Room Brussels                                                                                                                                                                                                                                    | Room 1                                                                                                                                                                                                             | Room 2                                                                                                                                                                                                                                                                                                                                                                       |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 13:30-15:00 | (A) Antitrust Economics<br><br><i>Chair: Nicolas Schutz</i>                                                                                                                                                                                      | (B) Best Price Clauses & Hotels<br><br><i>Chair: Chengsi Wang</i>                                                                                                                                                  | (C) Media Pluralism and Competition Law<br><br><i>Chair: Ralf Müller-Terpitz</i>                                                                                                                                                                                                                                                                                             |
|             | Jean-Philippe TROPEANO (Université de Paris 1 and Paris School of Economics) & Andreea Cosnita-Langlais<br><b>Litigation, Settlement, and the Role of Legal Precedent: An Application to Antitrust Commitments</b><br>Discussant: Nicolas Schutz | Frank SCHLÜTTER (Düsseldorf Institute for Competition Economics), Matthias Hunold, Ulrich Laitenberger & Reinhold Kesler<br><b>Evaluation of best price clauses in hotel booking</b><br>Discussant: Hannes Ullrich | This is an invited session on the topic of<br><br><b>Media Pluralism and Competition Law – Recent Developments</b><br><br><br>The two speakers<br><br>Boris PAAL (University of Freiburg)<br>Björn KUCHINKE (University of Weimar)<br><br>will first provide opening statements of about 25-30 minutes each. Afterwards, there will be about 30 minutes time for discussion. |
|             | Yossi SPIEGEL (Tel Aviv University) & David Gilo<br><br><b>Antitrust regulation of excessive prices</b><br><br>Discussant: Jan Bouckaert                                                                                                         | Ulrich LAITENBERGER (ZEW & MaCCI), Matthias Hunold & Reinhold Kesler<br><b>Hotel rankings of online travel agents and pricing across distribution channels</b><br>Discussant: Chengsi Wang                         |                                                                                                                                                                                                                                                                                                                                                                              |
|             | Nicolas SCHUTZ (University of Mannheim & MaCCI) & Joao Montez<br><b>A Model of Garbage: Why and When to Allow Competitors to Share Information on Capacities</b><br>Discussant: Yossi Spiegel                                                    | Chengsi WANG (University of Mannheim & MaCCI) & Julian Wright<br><b>Platform investment and price parity clauses</b><br><br>Discussant: Vladimir Mares                                                             |                                                                                                                                                                                                                                                                                                                                                                              |
| 15:00-15:30 | Coffee Break                                                                                                                                                                                                                                     |                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                              |

Parallel sessions V

|             | Room Brussels                                                                                                                                                      | Room 1                                                                                                                                                                                                                                              | Room 2                                                                                                                                                                                                                                |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 15:30-17:00 | (A) Theoretical Advances in Competition Economics<br><br><i>Chair: Roland Strausz</i>                                                                              | (B) Industry Studies<br><br><i>Chair: Kathleen Nosal</i>                                                                                                                                                                                            | (C) Big Data<br><br><i>Chair: William E. Kovacic</i>                                                                                                                                                                                  |
|             | Matthias HUNOLD (Düsseldorf Institute for Competition Economics)<br><b>Backward ownership, uniform pricing and entry deterrence</b><br><br>Discussant: Heiko Karle | Johannes KOENEN (Ifo Institute for Economic Research, Munich) Oliver Falck, Alexandra Heimisch & Andreas Mazat<br><b>Regulating an industry undergoing technological change - The case of telecom in Austria</b><br>Discussant: Ulrich Laitenberger | Elias DEUTSCHER (European University Institute, Florence)<br><b>The role of personal data and privacy in merger analysis: A critical reassessment of the EU Commission's Facebook/WhatsApp decision</b><br>Discussant: Ramsi Woodcock |
|             | Jan BOUCKAERT (University of Antwerp) & Geert Van Moer<br><br><b>Mergers and Horizontal Subcontracting</b><br><br>Discussant: Johannes Muthers                     | Joanna PIECHUCKA (Paris School of Economics) & Daniel Herrera-Araujo<br><br><b>Effect of mergers on service positioning: Evidence from the French hospital industry</b><br>Discussant: Kathleen Nosal                                               | Patrick SCHULTE (ZEW & MaCCI), Reinhold Kesler & Michael Kummer<br><br><b>User Data, Market Power and Innovation in Online Markets: Evidence from the Mobile App Industry</b><br>Discussant: Maude Hasbi                              |
|             | Hannes ULLRICH (DIW Berlin), Ozlem Bedre-Defolie & Minjae Song<br><b>Assessing the Impact of Payment Card Fee Regulation</b><br>Discussant: Matthias Hunold        | Kathleen NOSAL (University of Mannheim & MaCCI)<br><b>Unintended Consequences of Regulating Abortion: The Effect of Clinic Closings on Abortion Timing in Texas</b><br>Discussant: Joanna Piechucka                                                 | Ramsi WOODCOCK (Georgia State University, Atlanta)<br><b>Big Data, Price Discrimination and Antitrust</b><br><br>Discussant: William E. Kovacic                                                                                       |
| 17:00       | Farewell                                                                                                                                                           |                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                       |

**MaCCI IO Day**  
**Wednesday, 10 May 2017**  
**(Location: L7, 3-5 4.56)**

**MORNING SESSIONS**

8:45-9:00            Coffee and Registration

**SESSION 1 Chair: Michelle Sovinsky**

9:00-9:50            **Vitali Gretschko**, "Robust Bidding"

Discussant: **Andras Niedermayer**

9:50-10:00          Short Coffee break

10:00-10:50        **Emanuele Tarantino**, "Learning When to Quit"

Discussant: **Kathleen Nosal**

10:50-11:40        **Christoph Wolf**, "The Effect of Revenue Uncertainty on  
Procurement Outcomes"

Discussant: **Hidenori Takahashi**

11:40-14:00        Lunch

## **AFTERNOON SESSIONS**

### **SESSION 2 Chair: Chengsi Wang**

14:00-14:50      **Nicolas Schutz**, "A Model of Garbage: Price Competition with Unobservable Inventories"

Discussant: **Thomas Troeger**

14:50-15:40      **Dominik Schober**, "Disincentive regulation: evidence for ratchet effect among German electricity distribution system operators"

Discussant: **Yanping Liu and Christoph Wolf**

15:40-16:10      Long Coffee Break

### **SESSION 3 Chair: Martin Peitz**

16:10-17:00      **Marcel Preuß**, "Online search tracking and consumer privacy"

Discussant: **Chengsi Wang**

17:00-17:50      **Niccolo Lomys**, "Sequential Collective Search in Networks"

Discussant: **Takakazu Honryo**

# Mannheim Energy Conference 2017

## Sustainable energy markets

Mannheim, May 11/12, 2017

### PROGRAMME

Thursday, May 11, 2017

|             |                                                                                                                                                                                                                              |                                                                                                                                                                                         |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 09:30       | Arrival and Registration                                                                                                                                                                                                     |                                                                                                                                                                                         |
| 10:00       | Room Luxemburg<br><b>Welcome Address</b><br>Achim WAMBACH (ZEW Mannheim & MaCCI & University of Mannheim)                                                                                                                    |                                                                                                                                                                                         |
| 10:15       | Room Luxemburg<br><b>Keynote Lecture</b><br><b>The Road Ahead for Solar PV</b><br>Stefan Reichelstein (Stanford University & University of Mannheim)<br>Chair: Achim WAMBACH (ZEW Mannheim & MaCCI & University of Mannheim) |                                                                                                                                                                                         |
| 11:00       | <b>Coffee Break</b>                                                                                                                                                                                                          |                                                                                                                                                                                         |
| 11:15-12:45 | Room Luxemburg                                                                                                                                                                                                               | Room Straßburg                                                                                                                                                                          |
|             | <b>Parallel Session Ia: Power Plants and Regulation</b>                                                                                                                                                                      | <b>Parallel Session Ib: Auctions</b>                                                                                                                                                    |
|             | Chair: Thomas Triebs                                                                                                                                                                                                         | Chair: Bert Willems                                                                                                                                                                     |
|             | Robert GERMESHAUSEN (ZEW Mannheim)<br>The EU ETS and Efficiency of Fossil Fuel Power Plants<br>Discussant: Mirjam Kosch                                                                                                      | Pär HOLMBERG (Research Institute of Industrial Economics)<br>Comparing auction designs where suppliers have uncertain costs and uncertain pivotal status<br>Discussant: Philippe Gillen |
|             | Mirjam KOSCH (ETH Zurich)<br>Impacts of the UK carbon price floor on CO2 abatement<br>Discussant: Thomas Triebs                                                                                                              | Fabian OCKER (Karlsruhe Institute of Technology)<br>Harmonization of the European Balancing Power Markets: A Theoretical and Empirical Investigation<br>Discussant: Bert Willems        |
|             | Thomas TRIEBS (Loughborough University)<br>Objectives and Incentives: Evidence from the Privatisation of Great Britain's Power Plants<br>Discussant: Robert Germeshausen                                                     | Bert WILLEMS (Tilburg University)<br>Multi-product Supply Function Equilibria<br>Discussant: Vitali Gretschko                                                                           |
| 12:45       | <b>Lunch Break</b>                                                                                                                                                                                                           |                                                                                                                                                                                         |

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 13:30       | Room Luxemburg<br><b>Keynote Lecture</b><br><b>(Overly) Great Expectations: the disillusionment of the left with carbon markets in California</b><br>James Bushnell (University of California, Davis)<br>Chair: Ulrich Wagner (University of Mannheim)                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 14:30-16:00 | Room Luxemburg<br><b>Parallel Session IIa: Innovation</b><br>Chair: Robert Kalcik                                                                                                                                                                                                                                                                                                                                                                               | Room Straßburg<br><b>Parallel Session IIb: Imperfect Competition and Electricity Pricing</b><br>Chair: Luigi Grossi                                                                                                                                                                                                                                                                                                                   |
|             | <p>Martin KALTHAUS (Friedrich Schiller University Jena)<br/>Flexibility in the Selection of Patent Counts: Implications for Policy Recommendations and p-Hacking<br/>Discussant: Claudio Baccianti</p> <p>Claudio BACCIANTI (ZEW Mannheim)<br/>Laggard Sectors and Green Growth<br/>Discussant: Robert Kalcik</p> <p>Robert KALCIK (Bruegel)<br/>An approach to identify the sources of low-carbon growth for Europe<br/>Discussant: Martin Kalthaus</p>        | <p>Aleksandar ZAKLAN (DIW Berlin)<br/>Environmental Policy and the Competitiveness of Product Markets: The Case of Electricity<br/>Discussant: Nikolas Wölfig</p> <p>Nikolas WÖLFING (ZEW Mannheim)<br/>Electricity Forward Markets<br/>Discussant: Luigi Grossi</p> <p>Luigi GROSSI (University of Verona)<br/>Robust forecasting of electricity prices using information on renewable sources<br/>Discussant: Aleksandar Zaklan</p> |
| 16:00       | <b>Coffee Break</b>                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 16:30-18:00 | Room Luxemburg<br><b>Parallel Session IIIa: Experiments</b><br>Chair: Stefan Lamp                                                                                                                                                                                                                                                                                                                                                                               | Room Straßburg<br><b>Parallel Session IIIb: Storage and Balancing Markets</b><br>Chair: Christoph Graf                                                                                                                                                                                                                                                                                                                                |
|             | <p>Mark ANDOR (RWI Essen)<br/>Social norms and energy conservation beyond the US - A replication<br/>Discussant: Andrius Kazukauskas</p> <p>Andrius KAZUKAUSKAS (Umeå University)<br/>The peer comparison in real time: A field experiment of water and electricity consumption<br/>Discussant: Stefan Lamp</p> <p>Stefan LAMP (Toulouse School of Economics)<br/>Long-Run Effects of Competition on Solar PV Demand and Pricing<br/>Discussant: Mark Andor</p> | <p>Bastian WESTBROCK (Utrecht University)<br/>Demand Participation in Balancing Markets<br/>Discussant: Elisa Trujillo-Baute</p> <p>Elisa Trujillo-Baute (University of Barcelona)<br/>Intermittency and the social benefits of storage<br/>Discussant: Christoph Graf</p> <p>Christoph GRAF (UC Berkeley)<br/>The impact of renewables on the arbitrage value of storage<br/>Discussant: Bastian Westbrook</p>                       |
| 18:00       | End of first day                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 19:00       | <b>Conference Dinner</b>                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                       |

---

**P R O G R A M M E**

---

Friday, May 12, 2017

---

|             |                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                       |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 09:00-10:30 | Room Luxemburg<br><b>Parallel Session IVa: Firm Competitiveness and Regulation</b><br>Chair: Andreas Gerster                                                                                                                                                                                                                                 | Room Straßburg<br><b>Parallel Session IVb: Trade and Energy Policy</b><br>Chair: Oliver Schenker                                                                                                                                                                                                                                      |
|             | Michael THEMANN (RWI Essen)<br>Multinational corporations and the EU Emissions Trading System: Asset erosion and creeping deindustrialization?<br>Discussant: Marita Laukkanen                                                                                                                                                               | Florian LANDIS (ETH Zurich)<br>Cost-effectiveness and Incidence of Renewable Energy Promotion in Germany<br>Discussant: Frank Pothén                                                                                                                                                                                                  |
|             | Marita LAUKKANEN (VATT Institute for Economic Research)<br>Missing link between energy tax refunds and firms' competitiveness<br>Discussant: Andreas Gerster                                                                                                                                                                                 | Frank POTHÉN (University of Hannover)<br>The Interaction of Climate and Trade Policy<br>Discussant: Oliver Schenker                                                                                                                                                                                                                   |
|             | Andreas GERSTER (RWI Essen)<br>The Effect of Electricity Taxation on Firm Competitiveness: Evidence from the German Manufacturing Sector<br>Discussant: Michael Themann                                                                                                                                                                      | Oliver SCHENKER (Frankfurt School of Finance & Management)<br>On the Dynamic Efficiency of Trade-related Climate Policy Instruments - Competitive Pressure and Emission-reducing Innovation<br>Discussant: Florian Landis                                                                                                             |
| 10:30       | <b>Coffee Break</b>                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                       |
| 10:45       | Room Luxemburg<br><b>Keynote Lecture</b><br><b>Consumer Inertia in Retail Energy Markets: Evidence from Britain</b><br>Catherine Waddams (University of East Anglia)<br>Chair: Kai Hüschelrath (ZEW Mannheim & MaCCI & University of Mannheim)                                                                                               |                                                                                                                                                                                                                                                                                                                                       |
| 11:45       | <b>Lunch Break</b>                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                       |
| 12:45-14:15 | Room Luxemburg<br><b>Parallel Session Va: Firm Behaviour</b><br>Chair: Ulrich Wagner                                                                                                                                                                                                                                                         | Room Straßburg<br><b>Parallel Session Vb: Electricity Markets</b><br>Chair: Thomas Tangerås                                                                                                                                                                                                                                           |
|             | Romain BIZET (Mines ParisTech - Centre for Industrial Economics)<br>Evaluating the impact of local monitoring on nuclear safety: Evidence from France<br>Discussant: Philipp Massier<br><br>Philipp MASSIER (ZEW Mannheim)<br>Industrial Energy Demand and Energy Efficiency - Firm-level Evidence from Germany<br>Discussant: Ulrich Wagner | Nicolas WEIDMANN-ORDÓÑEZ (University of Basel)<br>Coordinating Policy Interventions on Imperfectly Competitive Markets: The Case of Electricity Markets<br>Discussant: Jan Abrell<br><br>Jan ABRELL (ETH Zurich)<br>Heterogeneity of Intermittent Energy Sources and Cost-effective Renewable Policies<br>Discussant: Thomas Tangerås |

---

Ulrich WAGNER (University of Mannheim)  
The co-benefits of climate policy:  
Evidence from the EU Emissions Trading  
Scheme  
Discussant: Romain Bizet

Thomas TANGERÅS (Research Institute of  
Industrial Economics)  
The competitive effects of linking  
electricity markets across space and time  
Discussant: Nicolas Weidmann-Ordóñez

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 14:15       | <b>Coffee Break</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 14:45-16:15 | <p>Room Luxemburg</p> <p><b>Parallel Session VIa: Residential Energy</b></p> <p>Chair: Doina Radulescu</p> <p>David DELLER (University of East Anglia)<br/>UK Household Energy Expenditure Shares<br/>in the Long Run<br/>Discussant: Luisa Dressler</p> <p>Luisa DRESSLER (Université libre de<br/>Bruxelles &amp; ECARES)<br/>Do alert the inert! Switching costs vs.<br/>limited awareness in retail electricity<br/>markets<br/>Discussant: Doina Radulescu</p> <p>Doina RADULESCU (University of Bern)<br/>Welfare and Redistribution in Residential<br/>Electricity Markets With Solar Power<br/>Discussant: David Deller</p> | <p>Room Straßburg</p> <p><b>Parallel Session VIb: Utilities</b></p> <p>Chair: Souvik Datta</p> <p>Eva DEUCHERT (Netze BW)<br/>Estimating the general X-factor using<br/>regression analysis<br/>Discussant: Dominik Schober</p> <p>Dominik SCHOBER (ZEW Mannheim)<br/>Pitfalls of (Dis-)incentive Regulation: The<br/>Ratchet Effect in German Revenue Cap<br/>Regulation<br/>Discussant: Souvik Datta</p> <p>Souvik DATTA (University of Glasgow)<br/>Decoupling and demand-side<br/>management: Evidence from the US<br/>electric industry<br/>Discussant: Eva Deuchert</p> |
| 16:15       | <b>Farewell Drinks &amp; Pretzels</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

# 7<sup>th</sup> ZEW/MaCCI Conference on the Economics of Innovation and Patenting

Final Version: May 11, 2017

Mannheim, May 15-16, 2017

Conference venue: ZEW, L 7, 1, 68161 Mannheim

---

## P R O G R A M M E

---

M o n d a y , M a y 1 5 , 2 0 1 7

---

|                        |                                                                                                                                                        |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08:30                  | Arrival and Registration                                                                                                                               |
| 09:00                  | Welcome Address<br><i>Georg Licht, ZEW &amp; MaCCI Mannheim, DE</i>                                                                                    |
| 09:15<br>Room Brussels | PLENARY SESSION A<br><i>Chair: Georg Licht, ZEW &amp; MaCCI Mannheim, DE</i>                                                                           |
|                        | <b>Are "Patent Boxes" a Good Way to Encourage Innovation?</b><br><i>Bronwyn H. Hall, University of Berkeley and NBER, US</i>                           |
|                        | <b>All Patents Great and Small -<br/>A Big Data Network Approach to Valuation</b><br><i>Andrew W. Torrance, University of Kansas School of Law, US</i> |
| 11:00                  | Coffee Break                                                                                                                                           |
| 11:20                  | PARALLEL SESSIONS I                                                                                                                                    |
| 12:20                  | Lunch Break                                                                                                                                            |
| 13:15<br>Room Brussels | PLENARY SPEED PAPER DATING (Part A: Presentation)<br><i>Chair: Dirk Czarnitzki, KU Leuven, DE</i>                                                      |
| 14:15                  | INDIVIDUAL PAPER DATING (Part B: Poster) & Coffee                                                                                                      |
| 15:15                  | PARALLEL SESSIONS II                                                                                                                                   |
| 16:45                  | Coffee Break                                                                                                                                           |
| 17:00                  | PARALLEL SESSIONS III                                                                                                                                  |
| 18:30                  | End of First Day                                                                                                                                       |
| 19:00                  | Bus Trip to Conference Dinner (Meeting point: 19:00 ZEW foyer – 3-minute walk to the bus; bus departure: 19:15 Mannheim Castle / entrance: Ehrenhof)   |

Conference Dinner

<https://www.kellerskeller.de/%C3%BCber-uns/>

Keller's Keller, Obergasse 10, 67152 Ruppertsberg

---

P R O G R A M M E

T u e s d a y , M a y 1 6 , 2 0 1 7

---

|               |                                                                                                                          |
|---------------|--------------------------------------------------------------------------------------------------------------------------|
| 09:30         | PARALLEL SESSIONS IV                                                                                                     |
| 11:00         | Coffee Break                                                                                                             |
| 11:30         | PLENARY SESSION B                                                                                                        |
| Room Brussels | <i>Chair: Katrin Hussinger, University of Luxembourg, LU</i>                                                             |
|               | <b>Does Science Advance One Funeral at a Time?</b><br><i>Pierre Azoulay, MIT Sloan School of Management and NBER, US</i> |
| 12:30         | Lunch Break                                                                                                              |
| 13:30         | PARALLEL SESSIONS V                                                                                                      |
| 15:00         | Coffee Break                                                                                                             |
| 15:20         | PLENARY SESSION C                                                                                                        |
| Room Brussels | <i>Chair: Bettina Peters, ZEW &amp; MaCCI Mannheim, DE and University of Luxembourg, LU</i>                              |
|               | <b>Migration and Innovation</b><br><i>Francesco Lissoni, University of Bordeaux, FR</i>                                  |
| 16:20         | Concluding Remark<br><i>Georg Licht, ZEW and MaCCI Mannheim, DE</i>                                                      |
| 16:30         | FAREWELL DRINKS AND PRETZELS                                                                                             |
| Optional:     | Evening trip to Schwetzingen                                                                                             |

13:15

**PLENARY SPEED PAPER DATING (Part A: Presentation)**

*Chair: Dirk Czarnitzki, KU Leuven, BE*

**Introduction: Dirk Czarnitzki**

13:20

**International Mobility and Research Careers: Evidence from a Mobility Grant Program**

**Stefano Baruffaldi** (MPI for Innovation and Competition, Munich, DE)

13:25

**Potluck or Chef de Cuisine? Knowledge Diversity and Award-Winning Inventor Teams**

**Dennis Verhoeven** (KU Leuven, BE)

13:30

**Immigration and Innovation: Empirical Evidence from the Collapse of the Soviet Union**

Gaëtan de Rassenfosse (EPFL Lausanne, CH), **Gabriele Pellegrino** (EPFL Lausanne, CH) and Julio Raffo (WIPO Geneva, CH)

13:35

**The Quality and Orientation of University Research and its Attraction to Inward Investments in Research and Development**

Rene Belderbos (KU Leuven, BE), **Nazareno Braito** (KU Leuven, BE) and Jian Wang (KU Leuven, BE)

13:40

**Discrimination Against Foreigners in the Patent System: Evidence from Standard-Essential Patents**

Gaëtan de Rassenfosse (EPFL Lausanne, CH), **Emilio Raiteri** (EPFL Lausanne, CH), and Rudi Bekkers (Eindhoven University of Technology, NL)

13:45

**Measuring Patent Quality Based on ISR Citations: Development of Indices and Application to Chinese Firm-Level Data**

**Philipp Boeing** (ZEW Mannheim, DE) and Elisabeth Mueller (German Graduate School of Management and Law, DE)

13:50

**Patent Count vs. Patent Breadth and the Differential Effect of Trade Secret Law on Firms' Patenting Strategy**

**David T. Angenendt** (University of Bologna, IT)

13:55

**Production of Knowledge in European Large Firms in Chemicals and Pharma/Biotech Sectors: Where is the Knowledge Produced?**

**Patricia Laurens** (Université Paris-Est, FR), Antoine Schoen (Université Paris-Est, FR), Alfredo Yegros (Leiden University, NL) and Philippe Larédo (Université Paris-Est, FR)

14:00

**Taking the Crowd by the Hand –The Intermediary Role of Crowdfunding Platforms**

**Fabian Gaessler** (MPI for Innovation and Competition, Munich, DE)

14:05

**Public Procurement as Policy Instrument for Innovation**

Dirk Czarnitzki (KU Leuven, BE), **Paul Hünemund** (ZEW Mannheim, DE) and Nima Moshgbar (KU Leuven, BE)

14:15

**INDIVIDUAL PAPER DATING (Part B: Poster)**

Posters are presented at the foyer and outside of room “Brussels”. Authors of the papers are happy to discuss their contribution with the audience there while having a coffee, tea or refreshment available during the poster session in both locations.

## PARALLEL SESSIONS

| 11:20-12:20                                                                                                                                                                                                                                                                                      |  | PARALLEL SESSIONS I                                                                                                                                                                                                                                                                                                                                    |  | Monday, May 15                                                                                                                                                                                                                                                                           |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Room Brussels                                                                                                                                                                                                                                                                                    |  | Room 1                                                                                                                                                                                                                                                                                                                                                 |  | Room 2                                                                                                                                                                                                                                                                                   |  |
| <u>Session I A: Orientation of Scientific Research</u><br>Chair: Maikel Pellens (ZEW Mannheim, DE)                                                                                                                                                                                               |  | <u>Session I B: Competition and Innovation</u><br>Chair: Kornelius Kraft (TU Dortmund, DE)                                                                                                                                                                                                                                                             |  | <u>Session I C: Market for Technology</u><br>Chair: Bettina Peters (ZEW Mannheim, DE)                                                                                                                                                                                                    |  |
| <p>Funding Portfolio for Academic Research and its Impact on Scientists’ Research Orientation</p> <p>Stefano Bianchini (BETA, University of Strasbourg, FR) and Patrick Llerena (BETA, University of Strasbourg, FR)</p> <p>Discussant: Matthias Geissler (Technical University Dresden, DE)</p> |  | <p>How Antitrust Enforcement Can Spur Innovation: Bell Labs and the 1956 Consent Decree</p> <p>Martin Watzinger (LMU Munich, DE), Thomas A. Fackler (LMU Munich, DE), Markus Nagler (LMU Munich, DE) and Monika Schnitzer (LMU Munich, DE)</p> <p>Discussant: Paul Hünermund (ZEW Mannheim, DE)</p>                                                    |  | <p>Firm Matching in the Market for Technology</p> <p>Pere Arqué-Castells (Northwestern University, US) and Daniel F. Spulber (Northwestern University, US)</p> <p>Discussant: Philipp Boeing (ZEW Mannheim, DE)</p>                                                                      |  |
| <p>Commercialization of Academic Research: Implications for Individual’s Scientific Productivity and Research Agenda Composition</p> <p>Florence Blandinieres (ZEW Mannheim, DE) and Maikel Pellens (ZEW Mannheim, DE)</p> <p>Discussant: Cornelia Lawson (University of Bath, UK)</p>           |  | <p>Escaping Competition and Competency Traps: Identifying How Innovative Search Strategy Enables Market Entry</p> <p>Benjamin Balsmeier (ETH Zurich, CH), Gustavo Manso (University of California at Berkeley, US) and Lee Fleming (University of California at Berkeley, US)</p> <p>Discussant: Christoph Grimpe (Copenhagen Business School, DK)</p> |  | <p>Shooting Ourselves in the Foot to Kill a Fly? Patent Enforcement and Market for Technology</p> <p>Pooyan Khashabi (LMU Munich, DE) and Senem Aydin (Northeastern University, US)</p> <p>Discussant: Stefan Wagner (ESMT European School of Management and Technology, Berlin, DE)</p> |  |
| 12:20 – 13:15 Lunch Break                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                          |  |
| 13:15 – 14:15 Plenary Speed Paper Dating                                                                                                                                                                                                                                                         |  |                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                          |  |
| 14:15 – 15:15 Individual Paper Dating                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                          |  |

\*Presenting authors in bold

| 15:15-16:45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | PARALLEL SESSIONS II                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Monday, May 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Room Brussels                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Room 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Room 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b><u>Session II A: Knowledge Production</u></b><br><b>Chair: Karin Hoisl</b> (Mannheim University, DE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b><u>Session II B: Tax Incentives and R&amp;D Subsidies</u></b><br><b>Chair: Oliver Koppel</b> (Cologne Institute of Economic Research, DE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b><u>Session II C: Impact of Patent Protection</u></b><br><b>Chair: Jacques Mairesse</b> (CREST-ENSAE, Paris, FR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <p><b>The Role of Informational Public Goods in Science: Evidence From a Randomized Controlled Trial of How Science is Shaped by Wikipedia</b><br/> <b>Neil C. Thompson</b> (MIT Sloan School of Management, US) and Douglas Hanley (University of Pittsburgh, US)</p> <p>Discussant: <b>Myra Mohnen</b> (University of Essex, UK)</p> <p><b>Nobel Prizes in Economics and Post-Award Attention: Who Cares About What?</b><br/> Zakaria Babutsidze (SKEMA Business School, Sophia Antipolis, FR) and <b>Mark J. McCabe</b> (SKEMA Business School, Sophia Antipolis, FR)</p> <p>Discussant: <b>Orion Penner</b> (EPLF Lausanne, CH)</p> <p><b>Stars and Brokers: Knowledge Spillovers among Medical Scientists</b><br/> <b>Myra Mohnen</b> (University of Essex, UK)</p> <p>Discussant: <b>Katrin Hussinger</b> (University of Luxembourg, LU)</p> | <p><b>Do Tax Incentives for Research Increase Firm Innovation? An RD Design for R&amp;D</b><br/> <b>Antoine Dechezleprêtre</b> (London School of Economics, UK), Elias Einiö (LSE, UK), Ralf Martin (Imperial College Business School, London, UK), Kieu-Trang Nguyen (LSE, UK) and John Van Reenen (MIT, US)</p> <p>Discussant: <b>Martin Watzinger</b> (LMU Munich, DE)</p> <p><b>Spillover from the Haven: Cross-border Externalities of Patent Box Regimes within Multinational Firms</b><br/> Thomas Schwab (ZEW &amp; University of Mannheim, DE) and <b>Maximilian Todtenhaupt</b> (ZEW &amp; University of Mannheim, DE)</p> <p>Discussant: <b>Boris Lokshin</b> (Maastricht University, NL)</p> <p><b>How Persistent is the Firms' Participation in R&amp;D Subsidy and Tax Credit Programs?</b><br/> <b>Marina Rybalka</b> (Statistics Norway, NO)</p> <p>Discussant: <b>María García-Vega</b> (University of Nottingham, UK)</p> | <p><b>Patents, Data Exclusivity, and Clinical Trial Outcomes</b><br/> Fabian Gaessler (MPI for Innovation and Competition, Munich, DE) and <b>Stefan Wagner</b> (ESMT European School of Management and Technology, Berlin, DE)</p> <p>Discussant: <b>Christian Fons-Rosen</b> (Universitat Pompeu Fabra, ES)</p> <p><b>Patent Duration, Breadth and Costly Imitation: Evidence from the US Pharmaceutical Market</b><br/> Olena Izhak (University of Helsinki, FI), <b>Tanja Saxell</b> (VATT, FI) and Tuomas Takalo (Hanken School of Economics, FI)</p> <p>Discussant: <b>Vanessa Behrens</b> (ZEW Mannheim, DE)</p> <p><b>The Impact of International Patent Systems: Evidence from Accession to the European Patent Convention</b><br/> Bronwyn Hall (University of California at Berkeley, US) and <b>Christian Helmers</b> (Santa Clara University, US)</p> <p>Discussant: <b>Andrew Toole</b> (US PTO, Washington, US)</p> |
| 16:45 – 17:00 Coffee Break                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

| 17:00-18:30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | PARALLEL SESSIONS III                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | Monday, May 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Room Brussels                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | Room 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | Room 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Session III A: Globalisation of R&amp;D</b><br><b>Chair: Mark J. McCabe</b> (SKEMA Business School, Sophia Antipolis, FR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | <b>Session III B: Crisis and Innovation</b><br><b>Chair: Matthias Geissler</b> (Technical University Dresden, DE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | <b>Session III C: Implications of Patent Systems</b><br><b>Chair: Bronwyn H. Hall</b> (University of Berkeley, US)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <p><b>The Impact of Founder Teams Diversity on Innovativeness – The Effect of Cultural, Job-Related and Background-Related Diversity on a New Venture’s R&amp;D Efforts and Innovation Performance</b></p> <p><b>Niclas Ruffer</b> (University of Mannheim, DE), Suleika Bort (University of Mannheim, DE), Simona Wagner (ZEW Mannheim, DE) and Johannes Bersch (ZEW, Mannheim, DE)</p> <p>Discussant: <b>Egle Vaznyte</b> (University of Ghent, BE)</p> <p><b>Multinationals and the Globalization of R&amp;D</b></p> <p><b>María García-Vega</b> (University of Nottingham, UK), Patricia Hofmann (University of Hohenheim, DE) and Richard Kneller (University of Nottingham, UK)</p> <p>Discussant: : <b>Martin Hud</b> (ZEW Mannheim, DE)</p> <p><b>Diversity of Top Management Teams and the Effectiveness of Global R&amp;D: Executive Nationality and International Work Experience</b></p> <p>Rene Belderbos (KU Leuven, BE), <b>Boris Lokshin</b> (Maastricht University, NL), Christophe Boone (University of Antwerp, BE) and Jojo Jacob (Grenoble Ecole de Management, FR)</p> <p>Discussant: <b>Karin Hoisl</b> (Mannheim University, DE)</p> |  | <p><b>The Impact of the Financial Crisis on Financing of Innovations</b></p> <p>Marek Giebel (TU Dortmund, DE) and <b>Kornelius Kraft</b> (TU Dortmund, DE)</p> <p>Discussant: <b>Marek Dietl</b> (Warsaw School of Economics, PL)</p> <p><b>Access to Finance as a Pressing Problem: Evidence from Innovative European Firms</b></p> <p><b>Anabela Santos</b> (Université Libre de Bruxelles, BE) and Michele Cincera (Université Libre de Bruxelles, BE)</p> <p>Discussant: <b>Marius Berger</b> (ZEW Mannheim, DE)</p> <p><b>From Innovation to Exporting in Times of Crisis</b></p> <p><b>Mattia Di Ubaldo</b> (The Economic and Social Research Institute, Dublin, IE)</p> <p>Discussant: <b>Kornelius Kraft</b> (TU Dortmund, DE)</p> |  | <p><b>Patents and Cumulative Innovation - Evidence from Post-Grant Patent Oppositions</b></p> <p>Fabian Gaessler (MPI for Innovation and Competition, Munich, DE), Dietmar Harhoff (MPI for Innovation and Competition, Munich, DE) and <b>Stefan Sorg</b> (MPI for Innovation and Competition, Munich, DE)</p> <p>Discussant: <b>Maikel Pellens</b> (ZEW Mannheim, DE)</p> <p><b>The Effect of Fee Shifting on Litigation: Evidence from a Court Reform in the UK</b></p> <p><b>Christian Helmers</b> (Santa Clara University, US), Yassine Lefouili (Toulouse School of Economics, FR), Brian Love (Santa Clara University, US) and Luke McDonagh (City, University of London, UK)</p> <p>Discussant: <b>Emanuele Tarantino</b> (University of Mannheim, DE)</p> <p><b>Mixing to Imitate: On the Need for Intellectual Property Rights</b></p> <p><b>Klaus Kultti</b> (University of Helsinki, FI) and Tuomas Takalo (Hanken School of Economics, FI)</p> <p>Discussant: <b>Alexandra Zaby</b> (University of Tübingen, DE)</p> |
| <b>18:30 End of First Day</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>19:00 Bus to Conference Dinner</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

| 09:30-11:00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PARALLEL SESSIONS IV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Tuesday, May 16 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Room Brussels                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Room 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Room 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Room HKH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                 |
| <b>Session IV A: Inventor Networks</b><br><b>Chair: Elisabeth Mueller</b> (German Graduate School of Management and Law, DE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Session IV B: Knowledge Spillovers and Knowledge Diffusion</b><br><b>Chair: Pierre Azoulay</b> (MIT Sloan School of Management, US)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Session IV C: Learning and Innovation</b><br><b>Chair: Georg Licht</b> (ZEW Mannheim, DE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Session IV D: Intangible Assets</b><br><b>Chair: Andrew Torrance</b> (University of Kansas School of Law, US)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                 |
| <b>Social Ties for Labor Market Access – Lessons from the Migration of East German Inventors</b><br><b>Karin Hoisl</b> (Mannheim University, DE), Matthias Dörner (MPI, Munich, DE), Dietmar Harhoff (MPI, Munich, DE), Tina Hinz (FAU Nürnberg, DE) and Stefan Bender (RDSC Frankfurt, DE)<br><br>Discussant: <b>Mark J. McCabe</b> (SKEMA Business School, Sophia Antipolis, FR)<br><br><b>Highly Skilled Migrant Networks and the Internationalization of Knowledge</b><br><b>Claudia Noumedem Temgoua</b> (Université de Bordeaux, FR)<br><br>Discussant: <b>Elisabeth Mueller</b> (German Graduate School of Management and Law, DE)<br><br><b>Do Immigrants Return Knowledge Home? The Evidence on Knowledge Dissemination via Wikipedia</b><br><b>Olga Slivko</b> (ZEW Mannheim, DE)<br><br>Discussant: <b>Claudia Noumedem Temgoua</b> (Université de Bordeaux, FR) | <b>Colocation and Knowledge Diffusion: Evidence from Million Dollar Plants</b><br><b>Christian Fons-Rosen</b> (Universitat Pompeu Fabra, ES), Vincenzo Scrutinio (London School of Economics, UK) and Katalin Szemeredi (London School of Economics, UK)<br><br>Discussant: <b>Olof Ejermo</b> (Lund University, SE)<br><br><b>The Lives of the Others: Knowledge Spillovers from Subsidized R&amp;D and the Productivity of Non-Subsidized Firms</b><br><b>Hanna Hottenrott</b> (TUM School of Management, Munich, DE) and Cindy Lopes-Bento (Maastricht University, NL)<br><br>Discussant: <b>Areti Gkypali</b> (University of Warwick, UK)<br><br><b>Patenting Activity in the Solar Industry</b><br><b>Hans Lööf</b> (KTH, Stockholm, SE) and Luis Pérez (KTH, Stockholm, SE)<br><br>Discussant: <b>Matthias Mertens</b> (IWH, Halle, DE) | <b>Consumer Preferences for Product Updates Under Digitization: A Model of Demand for Smartphone Applications</b><br><b>Benjamin T. Leyden</b> (University of Virginia, US)<br><br>Discussant: <b>Antoine Dechezleprêtre</b> (London School of Economics, UK)<br><br><b>Learning When to Quit</b><br>Bernhard Ganglmair (University of Texas, US), Timothy Simcoe (Boston University, US) and <b>Emanuele Tarantino</b> (University of Mannheim, DE)<br><br>Discussant: <b>Mark J. Roberts</b> (Penn State University, State College, US)<br><br><b>Buyer Competence and Innovation Procurement</b><br>Francesco Decarolis (Boston University, US), Gaëtan de Rassenfosse (EPFL, CH), <b>Leonardo Giuffrida</b> , Elisabetta Iossa, Vincenzo Mollisi (University of Rome Tor Vergata, IT), Emilio Raiteri (EPFL, CH), and Giancarlo Spagnolo (Stockholm School of Economics, SE)<br><br>Discussant: <b>Benjamin Balsmeier</b> (ETH Zurich, CH) | <b>The Dynamic Relationship between Investments in Brand Equity and Firm Profitability: Evidence using Trademark Registrations</b><br>Dirk Crass (ZEW Mannheim, DE), Dirk Czarnitzki (KU Leuven, BE), <b>Andrew A. Toole</b> (United States Patent and Trademark Office, US)<br><br>Discussant: <b>Klaus Kultti</b> (University of Helsinki, FI)<br><br><b>Patents and Standards as Knowledge Sources for Innovation</b><br>Knut Blind (TU Berlin, DE) and <b>Jakob Pohlisch</b> (TU Berlin, DE)<br><br>Discussant: <b>Fabian Gaessler</b> (MPI for Innovation and Competition, Munich, DE)<br><br><b>Radical Technological Change and the Involvement of Incumbents in Research Grant Competitions</b><br>Anders Ørding Olsen (Copenhagen Business School, DK), Wolfgang Sofka (Copenhagen Business School, DK) and <b>Christoph Grimpe</b> (Copenhagen Business School, DK)<br><br>Discussant: <b>Marina Rybalka</b> (Statistics Norway, NO) |                 |
| 11:00 – 11:30 Coffee Break                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |

| 13:30-15:00                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                             | PARALLEL SESSIONS V                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                | Tuesday, May 16 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Room Brussels                                                                                                                                                                                                                                                                                                                         | Room 1                                                                                                                                                                                                                                                                                                                                                                                                                      | Room 2                                                                                                                                                                                                                                                                                                                                                                           | Room HKH                                                                                                                                                                                                                                                                                                                       |                 |
| <p><b><u>Session V A: Productivity of scientists</u></b><br/> <b>Chair: Cornelia Lawson</b> (University of Bath, UK)</p>                                                                                                                                                                                                              | <p><b><u>Session V B: R&amp;D Collaborations</u></b><br/> <b>Chair: Francesco Lissoni</b> (University of Bordeaux, FR)</p>                                                                                                                                                                                                                                                                                                  | <p><b><u>Session V C: Drivers of Productivity</u></b><br/> <b>Chair: Mark Roberts</b> (Pennsylvania State University, US)</p>                                                                                                                                                                                                                                                    | <p><b><u>Session V D: Patent Pendency</u></b><br/> <b>Chair: Andrew A. Toole</b> (United States Patent and Trademark Office, US)</p>                                                                                                                                                                                           |                 |
| <p><b>University Invention and the Abolishment of the Professor's Privilege in Finland</b><br/> <b>Olof Ejermo</b> (Lund University, SE) and Hannes Toivanen (VTT Technical Research Centre of Finland, FI)</p> <p>Discussant: <b>Dirk Czarnitzki</b> (KU Leuven, BE)</p>                                                             | <p><b>Absorbing Partner Knowledge in R&amp;D Collaborations –The Influence of Founders on Knowledge Recognition, Assimilation, and Exploitation</b><br/> Elisabeth Mueller (German Graduate School of Management and Law, Heilbronn, DE), <b>Lorna Syme</b> (Frankfurt School of Finance and Management, DE), and Carolin Haeussler (University of Passau, DE)</p> <p>Discussant: <b>Jakob Pohlisch</b> (TU Berlin, DE)</p> | <p><b>The Dynamic Impact of R&amp;D Investment on Productivity and Export Demand in Swedish Manufacturing</b><br/> Florin G. Maican (KU Leuven, BE), Matilda Orth (IFN Stockholm, SE), Mark J. Roberts (Pennsylvania State University, US) and <b>Van Anh Vuong</b> (University of Cologne, DE)</p> <p>Discussant : <b>Pere Arqué-Castells</b> (Northwestern University, US)</p> | <p><b>Pendency and Thickets</b><br/> <b>Marek Dietl</b> (Warsaw School of Economics, PL), Lukasz Skrok (Warsaw School of Economics, PL), Pablo Benalcazar (Polish Academy of Sciences, Cracov, PL) and Mateusz Gatkowski (University of Essex, UK)</p> <p>Discussant: <b>Tanja Saxell</b> (VATT, FI)</p>                       |                 |
| <p><b>The Effects of Intellectual Property Rights on Publications of University Scientists</b><br/> <b>Laurent Bergé</b> (University of Luxembourg, LU), Thorsten Doherr (ZEW, Mannheim, DE) and Katrin Hussinger (University of Luxembourg, LU)</p> <p>Discussant: <b>Stefano Bianchini</b> (BETA, University of Strasbourg, FR)</p> | <p><b>Does Learning from Prior Collaboration Help Firms to Overcome the ‘Two Worlds’ Paradox in University-Business Collaboration?</b><br/> Nola Hewitt-Dundas (Queen’s University Belfast, IE), <b>Areti Gkypali</b> (University of Warwick, UK) and Stephen Roper (University of Warwick, UK)</p> <p>Discussant: <b>Yuya Ikeda</b> (NISTEP, Tokyo, JP)</p>                                                                | <p><b>Import Competition and Multi Product Firms’ Productivity</b><br/> Richard Bräuer (IWH, Halle, DE), <b>Matthias Mertens</b> (IWH, Halle, DE) and Viktor Slavtchev (IWH, Halle, DE)</p> <p>Discussant: <b>Van Anh Vuong</b> (University of Cologne, DE)</p>                                                                                                                  | <p><b>Limited Patent Disclosure</b><br/> Diana Heger (IHS Economics, Frankfurt, DE) and <b>Alexandra Zaby</b> (University of Tübingen, DE)</p> <p>Discussant: <b>Leonardo Giuffrida</b> (University of Rome Tor Vergata, IT)</p>                                                                                               |                 |
| <p><b>What’s behind Multiple Institutional Affiliations in Economics and Management Research?</b><br/> Hanna Hottenrott (TUM School of Management, Munich) and <b>Cornelia Lawson</b> (University of Bath, UK)</p> <p>Discussant: <b>Simona Wagner</b> (ZEW Mannheim, DE)</p>                                                         | <p><b>The Contribution of Academic Expertise in Corporate Technology Development: When Do Firms Benefit?</b><br/> <b>Hanne Peeters</b> (KU Leuven, BE) and Bart Van Looy (KU Leuven, BE)</p> <p>Discussant: <b>Hans Lööf</b> (KTH, Stockholm, SE)</p>                                                                                                                                                                       | <p><b>Assessing Measurement Errors in the CDM Research-Innovation-Productivity Relationships</b><br/> <b>Jacques Mairesse</b> (CREST-ENSAE, Paris, FR) and Stéphane Robin (University of Paris 1 Pantheon-Sorbonne, FR)</p> <p>Discussant: <b>Bettina Peters</b> (ZEW Mannheim, DE)</p>                                                                                          | <p><b>Reducing Patent Pendency: Has the Patent Prosecution Highway been Effective?</b><br/> <b>Vanessa Behrens</b> (ZEW Mannheim, DE), Dirk Czarnitzki (KU Leuven) and Andrew Toole (United States Patent and Trademark Office, US)</p> <p>Discussant: <b>Stefan Sorg</b> (MPI for Innovation and Competition, Munich, DE)</p> |                 |

15:00 – 15:20 Coffee Break

## 2017 MaCCI Summer Institute in Competition Policy

### Program

#### Monday, June 12

Time for Collaborative Research

1.15pm **Lunch**

2.20pm **Official welcome**

2.30pm **Session I** (*Chair: Martin Peitz*)

Roland Strausz: *Politically Induced Regulatory Risk and Independent Regulatory Agencies*

*Discussant: Massimo Motta*

4-4.30pm **Coffee Break**

Time for Collaborative Research

6.30pm **Session II** (*Chair: Martin Peitz*)

Özlem Bedre-Defolie: *Optimal Variety and Pricing of a Trade Platform*

*Discussant: Volker Nocke*

8.00pm **Dinner**

#### Tuesday, June 13

7.30-9am **Breakfast**

9am **Session III (power session):** (*Chair: Hidenori Takahashi*)

Joao Montez: *Generic Entry in the Pharmaceutical Market: Why Can Less be Better*

Nicolas Schutz: *Exclusive Dealing and Asymmetric Information*

Patrick Rey: *Price Caps as Welfare Enhancing Coopetition*

10.30-11am **Coffee Break**

Time for Collaborative Research

12.30pm **Lunch**

Time for Collaborative Research

3.30-4pm **Coffee Break**

Time for Collaborative Research

6.30pm **Session IV** (*Chair: Hidenori Takahashi*)

Daniel Krähmer: *Deceptive Products and Competition in Search Markets*

*Discussant: Konrad Stahl*

8pm **Dinner**

### **Wednesday, June 14**

7.30-9am **Breakfast**

9am **Session V – Power Session** (*Chair: Nicolas Schutz*)

Ali Yurukoglu: *Growth and Complementarity in the TV Industry*

Francesco Decarolis: *Online Auctions and Digital Marketing Agencies: Evidence from Agencies' Mergers*

Kathleen Nosal: *Two-Sided Matching in Physician-Insurer Networks: Evidence from Medicare Advantage*

10.30-11am **Coffee Break**

Time for Collaborative Research

12.30pm **Lunch**

Time for Collaborative Research

3.30-4pm **Coffee Break**

Time for Collaborative Research

6.30pm **Session VI** (*Chair: Nicolas Schutz*)

Pasquale Schiraldi: *Multi-Variety Durable-Good Monopoly: A Revisited Coase Conjecture and Product Design*

*Discussant:* Bernhard Ganglmair

8.00pm      **Dinner**

## **Thursday, June 15**

7.30-9am      **Breakfast**

9am      **Session VII** (*Chair:* Konrad Stahl)

Emanuele Tarantino: *Learning when to Quit*

*Discussant:* Matt Backus

10.15-10.45am **Coffee Break**

Time for Collaborative Research

12.30pm      **Lunch**

Time for Collaborative Research

3.30-4pm      **Coffee Break**

Time for Collaborative Research

6.30pm      **Session VIII – Power Session** (*Chair:* Konrad Stahl)

Hidenori Takahashi: *Bidding for Contracts under Uncertain Demand: Skewed Bidding and Risk Sharing*

Christine Zulehner: *Evaluation of Bidding Groups in First-Price Auctions*

Isis Durrmeyer: *Parallel imports in the automobile market*

8.00pm      **Dinner**

## **Friday, June 16**

7.30-9.00am **Breakfast**

9-10.15am **Session IX** (*Chair: Volker Nocke*)

Andrea Pozzi: *Distorted Advice in Financial Markets: Evidence from the Mortgage Market*

*Discussant:* Andras Niedermayer

10. 15-11am **Coffee Break**

11am-12.15pm **Session X** (*Chair: Volker Nocke*)

Joe Harrington: *Coordination on List Prices and Collusion in Negotiated Prices*

*Discussant:* Martin Peitz

12.30pm **Lunch**

Time for Collaborative Research

Departure

**Participants:**

Matt Backus (Columbia Business School)  
Özlem Bedre-Defolie (ESMT)  
Francesco Decarolis (EIEF)  
Isis Durrmeyer (Toulouse School of Economics)  
Bernhard Ganglmair (U. Texas at Dallas)  
Joe Harrington (Wharton, U. Pennsylvania)  
Daniel Krähmer (U. Bonn)  
Joao Montez (U. Lausanne)  
Massimo Motta (U. Pompeu Fabra)  
Andras Niedermayer (MaCCI and U. Mannheim)  
Volker Nocke (MaCCI, U. Mannheim, and UCLA)  
Kathleen Nosal (MaCCI and U. Mannheim)  
Martin Peitz (MaCCI and U. Mannheim)  
Andrea Pozzi (Einaudi)  
Pasquale Schiraldi (LSE)  
Nicolas Schutz (MaCCI and U. Mannheim)  
Patrick Rey (Toulouse School of Economics)  
Konrad Stahl (MaCCI and U. Mannheim)  
Roland Strausz (HU Berlin)  
Hidenori Takahashi (MaCCI and U. Mannheim)  
Emanuele Tarantino (MaCCI and U. Mannheim)  
Ali Yurukoglu (Stanford U.)  
Christine Zulehner (U. Frankfurt)

**Rules for presentation:**

normal session: 60 minutes presentation, 10 minutes discussion, 5 minutes general discussion  
power session: 25 minutes presentation, 5 minutes general discussion

**Location:**

The 2017 MaCCI Summer Institute will take place at Hotel Schloss Romrod in Romrod (next train station: Alsfeld).

15<sup>th</sup> ZEW Conference on

# The Economics of Information and Communication Technologies

with financial support from **DFG** Deutsche  
Forschungsgemeinschaft

Mannheim, June 23/24, 2017

---

## PROGRAMME Friday, June 23, 2017

---

|             |                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08:30       | Arrival and Registration                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                              |
| 09:00       | Room Luxemburg<br>Welcome Address<br>Achim WAMBACH (ZEW Mannheim, DE)                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                              |
| 09:15-10:30 | Room Luxemburg<br>Keynote Lecture I<br>Chair: Irene BERTSCHEK (ZEW Mannheim, DE)<br><br>Hal VARIAN (Google and University of California, Berkeley, USA)<br><a href="#">Use and Abuse of Network Effects</a>                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                              |
| 10:30-11:00 | Coffee Break                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                              |
| 11:00-12:30 | Room Strassburg<br>Parallel Session Ia: TV and Video<br>Chair: Joel WALDFOGEL (University of Minnesota, USA)<br><br>Rex DU (University of Houston, USA), Linli XU (University of Minnesota, USA) and Kenneth WILBUR* (University of California, San Diego, USA)<br><a href="#">TV Ads and Search Spikes: Toward a Deeper Understanding</a><br>Discussant: Jiekai ZHANG | Room Luxemburg<br>Parallel Session Ib: Reputation and Monitoring<br>Chair: Konrad STAHL (University of Mannheim, DE)<br><br>Xiang HUI* (MIT, USA), Maryam SAEEDI (CMU), Giancarlo SPAGNOLO (SITE, Tor Vergata, Eief & CEPR) and Steve TADELIS (Amazon and University of California, Berkeley, USA)<br><a href="#">Certification, Reputation and Entry: An Empirical Analysis</a><br>Discussant: Konrad STAHL |

Michael WARD (University of Texas at Arlington, USA)  
[Homophily and Social Network Engagement: Evidence from a Video Gaming Network](#)  
Discussant: Christian PEUKERT

Jiekai ZHANG (PSL Research University and CREST-Ensaie, FR)  
[Regulating Advertising Quantity: Evidence from French TV](#)  
Discussant: Joel WALDFOGEL

Emilio CALVANO \* (University of Bologna, IT) and Bruno JULLIEN (Toulouse School of Economics, FR)  
[Can we Trust the Algorithms that Recommend Products Online? Theory and Lab Evidence](#)  
Discussant: Christoph SCHOTTMÜLLER

Imke REIMERS\* (Northeastern University, USA) and Benjamin SHILLER (Brandeis University, USA)  
[Does Big Data Undermine Competition? Application to Telematics in Car Insurance Markets](#)  
Discussant: Xiang HUI

12:30-13:30

Lunch Break

13:30-14:30

Room Strassburg  
Parallel Session IIa: Crowdfunding  
Chair: Olga SLIVKO (ZEW Mannheim, DE)

Room Luxembourg  
IIb: INVITED SESSION I: organized by Florian STAHL (University of Mannheim, DE)  
Chair: Florian STAHL

Keongtae KIM\* (City University of Hong Kong), Jooyoung PARK (Peking University), Yang PAN and Kunpeng ZHANG (University of Maryland, USA)  
[Information Disclosure and Crowdfunding: An Empirical Analysis of the Disclosure of Project Risk](#)  
Discussant: Olga SLIVKO

Brett GORDON\* (Northwestern University, USA), Florian ZETTELMEYER (Northwestern University and NBER, USA), Neha BHARGAVA and Dan CHAPSKY (Facebook, USA)  
[A Comparison of Approaches to Advertising Measurement: Evidence from Big Field Experiments at Facebook](#)

Fabian GAESSLER and Zhaoxin PU\* (Max Planck Institute for Innovation and Competition, Munich, DE)  
[Taking the Crowd by the Hand - The Intermediary Role of Crowdfunding Platforms](#)  
Discussant: Keongtae KIM

Brian BOLLINGER (Duke University, USA) and Wesley R. HARTMANN\* (Stanford Graduate School of Business, USA)  
[Information vs. Automation and the Implications for Dynamic](#)

14:30-16:00

Room Strassburg  
Parallel Session IIIa: Sharing Economy  
Chair: Ulrich LAITENBERGER (Télécom-Paristech, FR and ZEW)

Apostolos FILIPPAS\* and John J. HORTON (NYU, USA)  
[The Tragedy of your Upstairs Neighbors: When is the Home-Sharing Externality Internalized?](#)  
Discussant: Andrey FRADKIN

Room Luxembourg  
Parallel Session IIIb: Innovation  
Chair: Michela VECCHI (Middlesex University, UK)

Jacques BUGHIN (McKinsey & Company, BE) and Nicolas van ZEEBROECK\* (Université Libre de Bruxelles, BE)  
[The Case for Offensive Strategies in Response to Digital Disruption](#)  
Discussant: Anna ROSSO

Matthias HUNOLD\* (Düsseldorf Institute for Competition Economics, DE), Reinhold KESLER and Ulrich LAITENBERGER (ZEW, DE)  
[Hotel Rankings of Online Travel Agents and Pricing across Distribution Channels](#)  
 Discussant: Apostolos FILIPPAS

Pierre MOHNEN (Maastricht University, NL), George van Leeuwen and Michael POLDER\* (Statistics Netherlands)  
[ICT and Innovation](#)  
 Discussant: Nicolas van ZEEBROECK

Chiara FARRONATO (Harvard Business School, US), Andrey FRADKIN\* (MIT Sloan School of Management, US)  
[Market Structure with the Entry of Peer-to-Peer Platforms: The Case of Hotels and Airbnb](#)  
 Discussant: Ulrich LAITENBERGER

Max NATHAN (University of Birmingham, UK) and Anna ROSSO\* (University of Milan, IT)  
[Innovative Events](#)  
 Discussant: Michela VECCHI

|             |                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                     |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 16:00-16:30 | Coffee Break                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                     |
| 16:30-17:30 | Room Strassburg<br>Parallel Session IVa: Advertising I<br>Chair: Martin QUINN (Télécom ParisTech, FR)                                                                                                                       | Room Luxemburg<br>IVb: INVITED SESSION II<br>organized by Michael ZHANG (Hong Kong University of Science and Technology)<br>Chair: Michael ZHANG                                                                                                                    |
|             | Mingyu JOO* (Ohio State University, USA), Wendy LIU and Kenneth WILBUR (UC San Diego, USA)<br><a href="#">Serial Position Effects in Advertising Communication</a><br>Discussant: Andreas LANZ (University of Mannheim, DE) | Marit HINNOSAAR*, Toomas HINNOSAAR (Collegio Carlo Alberto, IT), Michael KUMMER (Georgia Institute of Technology, USA and ZEW Mannheim, DE) and Olga SLIVKO (ZEW Mannheim, DE)<br><a href="#">Does Wikipedia Matter? The Effect of Wikipedia on Tourist Choices</a> |
|             | Elham MALEKI, Daniel RINGEL and Bernd SKIERA* (Goethe University Frankfurt, DE)<br><a href="#">Competitive Evolution Analysis for Consumer Attention</a><br>Discussant: Martin QUINN                                        | Michael ZHANG (Hong Kong University of Science and Technology)<br><a href="#">Collusion or Naivety? On the Strange Bidding Behavior of Keyword Advertisers</a>                                                                                                      |
| 17:45-19:00 | <i>The Data Economy: Threats and Opportunities</i><br><i>Roundtable Discussion with Hal Varian, Steve Tadelis and Achim Wambach</i>                                                                                         |                                                                                                                                                                                                                                                                     |
| 19:10       | Meeting at ZEW, Departure by Bus<br>Conference Dinner in Ruppertsberg                                                                                                                                                       |                                                                                                                                                                                                                                                                     |

P R O G R A M M E      S a t u r d a y , J u n e 2 4 , 2 0 1 7

|             |                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                       |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 09:00-10:30 | Room Strassburg<br>Parallel Session Va: Platforms<br>Chair: Timothy WYNDHAM (NHH Norwegian School of Economics)                                                                                                                                                                                                        | Room Luxemburg<br>Parallel Session Vb: Welfare and Growth<br>Chair: Mary O'Mahony (King's College London, UK)                                                                                                                                                                                         |
|             | Andrew RHODES* (Toulouse School of Economics, FR), Makoto WATANABE (VU University of Amsterdam, NL) and Jidong ZHOU (Yale University, USA)<br><a href="#">Multiproduct Intermediaries</a><br>Discussant: Greg TAYLOR                                                                                                   | Kathrin BORCHERT, Matthias HIRTH (University of Würzburg, DE), Michael KUMMER (Georgia Institute of Technology, USA and ZEW Mannheim, DE), Ulrich LAITENBERGER, Olga SLIVKO* and Steffen VIETE (ZEW Mannheim, DE)<br><a href="#">Unemployment and Online Labor</a><br>Discussant: Avinash GANNAMANENI |
|             | Marcel PREUSS (University of Mannheim, DE)<br><a href="#">Online Search Tracking and Consumer Privacy</a><br>Discussant: Andrew RHODES                                                                                                                                                                                 | Fabio PIERI (University of Trento, IT), Ana RINCON-AZNAR(NIESR, UK), Michela VECCHI* (Middlesex University, UK) and Francesco VENTURINI (University of Perugia, IT)<br><a href="#">Does it Take Two to Tango? The Impact of ICT and R&amp;D on Efficiency</a><br>Discussant: Michael POLDER           |
|             | Heiko KARLE (Frankfurt School of Finance and Management, DE), Martin PEITZ(University of Mannheim, DE), Markus REISINGER* (Frankfurt School of Finance and Management, DE)<br><a href="#">Segmentation versus Agglomeration: Competition between Platforms with Competitive Sellers</a><br>Discussant: Timothy WYNDHAM | Erik BRYNJOLFSSON (MIT, USA), Felix EGGERS (University of Groningen, BE) and Avinash GANNAMANENI* (MIT, USA)<br><a href="#">Using Massive Online Choice Experiments to Measure Changes in Well-being</a><br>Discussant: Mary O'MAHONY                                                                 |
| 10:30-11:00 | Coffee Break                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                       |
| 11:00-12:30 | Room Strassburg<br>Parallel Session VIa: Apps<br>Chair: Michael KUMMER                                                                                                                                                                                                                                                 | Room Luxemburg<br>Parallel Session VIb: Advertising II<br>Chair: Ken WILBUR                                                                                                                                                                                                                           |
|             | Grazia CECERE*, Fabrice LE GUEL and Vincent LEFRERE (Telecom Ecole de Management, FR)<br><a href="#">Personal Data and Free Applications</a><br>Discussant: Patrick SCHULTE (ZEW Mannheim, DE)                                                                                                                         | David BOUNIE (Télécom ParisTech, FR), Valerie MORRISSON (Center for the Study of Advertising Media, FR) and Martin QUINN* (Télécom ParisTech, FR)<br><a href="#">Do you See What I See? Ad Viewability and the Economics of Online Advertising</a><br>Discussant: Mingyu JOO                          |

Reinhold KESLER (ZEW Mannheim DE),  
Michael KUMMER\* (Georgia Institute of  
Technology, USA and ZEW, DE) and Patrick  
SCHULTE (ZEW Mannheim, DE)

[User Data, Market Power and Innovation  
in Online Markets: Evidence from the  
Mobile App Industry](#)

Discussant: Imke REIMERS

Joel WALDFOGEL

[Does Digitization Threaten Local Culture?  
Music in the Transition from iTunes to  
Spotify](#)

Discussant: Marcel PREUSS

Jens FÖRDERER and Armin HEINZL  
(University of Mannheim, DE)

[Third-Party Governance: Evidence from  
Apple's Worldwide Developer Conference](#)

Discussant: Michael KUMMER

Benjamin SHILLER\* (Brandeis University),  
Joel WALDFOGEL (University of Minnesota  
and NBER, USA) and Johnny RYAN  
(PageFair)

[Will Ad Blocking Break the Internet?](#)

Discussant: Kenneth WILBUR

12:30-13:30

Lunch Break

13:30-14:45

Room Luxembourg

**Keynote Lecture II**

Chair: Martin PEITZ (University of Mannheim and ZEW, DE)

Steven TADELIS (Amazon and University of California, Berkeley, USA)

[Bilateral Bargaining in Online Markets: What Can the Data Teach us?](#)

14:45-15:15

Coffee Break

15:15-16:45

Room Strassburg

Parallel Session VIIa: Digital News

Chair: Emilio CALVANO (University of  
Bologna, IT)

Room Luxembourg

Parallel Session VIIb: Competition Theory

Chair: Martin PEITZ (University of  
Mannheim and ZEW, DE)

Graham BEATTIE (University of Pittsburgh,  
USA), Ruben DURANTE (Universitat  
Pompeu Fabra, ES), Brian KNIGHT (Brown  
University and NBER) and Ananya SEN\*  
(MIT, USA)

[Advertising Spending and Media Bias:  
Evidence from News Coverage of Car  
Safety Recalls](#)

Discussant: Benjamin SHILLER

Jens PRÜFER (Tilburg University, NL) and  
Christoph SCHOTTMÜLLER\* (University of  
Copenhagen, DK)

[Competing with Big Data](#)

Discussant: Yossi SPIEGEL (Tel Aviv  
University, ISRAEL)

Christian PEUKERT\* (University of Zurich,  
CH) and Imke REIMERS (Northeastern  
University USA)

[Digital Disintermediation and the Market  
for Ideas](#)

Discussant: Ananya SEN

Alexandre de CORNIERE (University of  
Toulouse, FR) and Greg TAYLOR\*  
(University of Oxford, UK)

[Application Bundling in System Markets](#)

Discussant: Markus REISINGER

Oystein FOROS, Hans Jarle KIND and  
Timothy WYNDHAM\* (NHH Norwegian  
School of Economics)

[Tax-free Digital News?](#)

Discussant: Emilio CALVANO

Robert SOMOGYI (CORE, Université  
Catholique de Louvain, BE)

[The Economics of Zero-Rating and Net  
Neutrality](#)

Discussant: Martin PEITZ

16:45

End of Conference

# 19<sup>th</sup> ZEW Summer Workshop for Young Economists: Designing Institutions – Regulation and Markets

Mannheim, July 24-27, 2017

Workshop venue: ZEW, L 7 1, 68161 Mannheim

---

## P R O G R A M M E      M o n d a y , J u l y 2 4 , 2 0 1 7

---

|       |                                                                                                                                                                                                                                                                         |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08:15 | Arrival and Registration                                                                                                                                                                                                                                                |
| 08:45 | Welcome<br><b>Vitali Gretschko (ZEW, Head of Research Group Market Design)</b> and <b>Kai Hüschelrath (ZEW, Head of Research Group Competition and Regulation)</b>                                                                                                      |
| 09:00 | PARTICIPANT'S PRESENTATIONS<br><b>Petyo Bonev (Ecole des Mines Paris)</b> , <b>Matthieu Glachant (Ecole des Mines Paris)</b> and <b>Magnus Söderberg (University of Gothenburg): <i>A mechanism for institutionalised threat of regulation: theory and evidence</i></b> |
|       | <b>Bernd Kasberger (University of Vienna): <i>Welfare in the Auction After-Market</i></b>                                                                                                                                                                               |
| 10:30 | Coffee Break                                                                                                                                                                                                                                                            |
| 11:00 | PARTICIPANT'S PRESENTATIONS<br><b>Jonas von Wangenheim (HU Berlin): <i>English versus Vickrey Auctions with Loss Averse Bidders</i></b>                                                                                                                                 |
|       | <b>Vincent Meisner (TU Berlin): <i>Competing for Strategic Buyers</i></b>                                                                                                                                                                                               |
| 12:30 | Lunch Break                                                                                                                                                                                                                                                             |
| 13:30 | LECTURE<br><b>Alexander Westkamp (University of Cologne): Matching Theory</b>                                                                                                                                                                                           |
| 15:45 | Coffee Break                                                                                                                                                                                                                                                            |
| 16:15 | PARTICIPANT'S PRESENTATIONS<br><b>Cornelia Strüwing (University of Trier): <i>Smoking Bans, Subjective Well-being, and Economic Concerns</i></b>                                                                                                                        |
|       | <b>Sara Yi Zheng (University of Helsinki): <i>Alliance Advantage and Free Riding Incentives in Uneven Wars of Attrition</i></b>                                                                                                                                         |
| 18:30 | Dinner at Rheinterrassen                                                                                                                                                                                                                                                |

---

PROGRAMME      Tuesday, July 25, 2017

---

|       |                                                                                                                                                                                                                                   |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 09:00 | PARTICIPANT'S PRESENTATIONS                                                                                                                                                                                                       |
|       | <b>Ambre Nicolle (University of Montpellier):</b> <i>Are Consumers Myopic? Evidence from handset and mobile services choices</i>                                                                                                  |
|       | <b>Jiekai Zhang (Crest-Ensaie Paris):</b> <i>Regulating Advertising Quantity: How the Policy Affects Consumers and Advertisers?</i>                                                                                               |
| 10:30 | Coffee Break                                                                                                                                                                                                                      |
| 11:00 | PARTICIPANT'S PRESENTATIONS                                                                                                                                                                                                       |
|       | <b>Nicolas Eschenbaum (University of St. Gallen):</b> <i>Market Size and Entry in the Swiss Grocery Retailing</i>                                                                                                                 |
|       | <b>Michael Wohlfahrt (University of Passau),</b> Jan Krämer (University of Passau) and Daniel Schnurr (University of Passau): <i>Winners, Losers, and Facebook: The Role of Social Logins in the Online Advertising Ecosystem</i> |
| 12:30 | Lunch Break                                                                                                                                                                                                                       |
| 13:30 | LECTURE                                                                                                                                                                                                                           |
|       | <b>Dorothea Kübler (WZB Berlin Social Science Center):</b> <i>Matching Experiments</i>                                                                                                                                            |
| 15:45 | Trip to Heidelberg and External Dinner (optional, financed by participants)                                                                                                                                                       |
| 16:38 | Train (S1) to Heidelberg from Mannheim Hbf, Platform 9<br>Arrival at Heidelberg-Altstadt (old town) at 17:00<br>Visit of Heidelberg Castle, baroque style old town and Philosophers' Walk                                         |
| 19:30 | Dinner at restaurant Palmbräu                                                                                                                                                                                                     |

---

PROGRAMME      Wednesday, July 26, 2017

---

|       |                                                                                                                                                                                                                                            |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 09:45 | PARTICIPANT'S PRESENTATIONS                                                                                                                                                                                                                |
|       | <b>Milena Wittwer (EUI Florence):</b> <i>Centralizing Disconnected Markets? An Irrelevance Result</i>                                                                                                                                      |
| 10:30 | Coffee Break                                                                                                                                                                                                                               |
| 11:00 | PARTICIPANT'S PRESENTATIONS                                                                                                                                                                                                                |
|       | <b>Maximilian Späth (University of Göttingen)</b> and <b>Claudia Keser (University of Göttingen &amp; CIRANO):</b><br><i>The value of grousing: An experiment on trust and trustworthiness in positive vs. negative reputation systems</i> |
|       | <b>Sandor Sovago (VU Amsterdam)</b> and <b>Ran I. Shorrer (Pennsylvania State University):</b> <i>Obvious Mistakes in a Strategically Simple College-Admissions Environment</i>                                                            |
| 12:30 | Lunch Break                                                                                                                                                                                                                                |
| 13:30 | LECTURE                                                                                                                                                                                                                                    |
|       | <b>Christine Zulehner (Goethe University Frankfurt):</b> Empirical Auctions                                                                                                                                                                |
| 15:45 | Coffee Break                                                                                                                                                                                                                               |
| 16:15 | <b>Heinz-König-Award Ceremony (sponsored by MLP AG)</b><br><b>Manfred Bauer (MLP AG), Vitali Gretschko (ZEW) and Kai Hüschelrath (ZEW)</b><br>Afterwards get-together & group picture                                                      |
| 18:00 | Dinner at ZEW                                                                                                                                                                                                                              |

---

PROGRAMME      Thursday, July 27, 2017

---

|       |                                                                                                                                                                                                                                                    |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 09:45 | PARTICIPANT'S PRESENTATIONS                                                                                                                                                                                                                        |
|       | <b>Ulrich Laitenberger (Telecom ParisTech):</b> <i>Drug Procurement Auctions and Supply Uncertainty</i>                                                                                                                                            |
| 10:30 | Coffee Break                                                                                                                                                                                                                                       |
| 11:00 | PARTICIPANT'S PRESENTATIONS                                                                                                                                                                                                                        |
|       | <b>Reinhold Kesler (ZEW Mannheim),</b> Matthias Hunold (HHU Düsseldorf) and Ulrich Laitenberger (Telecom ParisTech): <i>Hotel rankings of online travel agents and pricing across distribution channels</i>                                        |
|       | <b>Niklas Dürr (ZEW Mannheim),</b> Wolfgang Briglauer (ZEW Mannheim), Oliver Falck (University of Munich) and Kai Hüschelrath (ZEW Mannheim): <i>Does state-aid for broadband deployment in rural areas close the digital and economic divide?</i> |
| 12:30 | Lunch Break                                                                                                                                                                                                                                        |
| 13:30 | LECTURE                                                                                                                                                                                                                                            |
|       | <b>Frank Wolak (Stanford University):</b> The Industrial Organization Issues in Energy and Environmental Markets                                                                                                                                   |
| 15:45 | Farewell                                                                                                                                                                                                                                           |



**Law and Economics Conference on**

---

# **Big Data**

---

**Mannheim, 6 – 7 November 2017**

**ZEW**

Zentrum für Europäische  
Wirtschaftsforschung GmbH  
Centre for European  
Economic Research



**kindly supported by**



# MaCCI Law and Economics Conference on Big Data

Mannheim, November 6/7, 2017

Conference venue: ZEW, L 7, 1, 68161 Mannheim

**Monday, 6<sup>th</sup> November 2017**

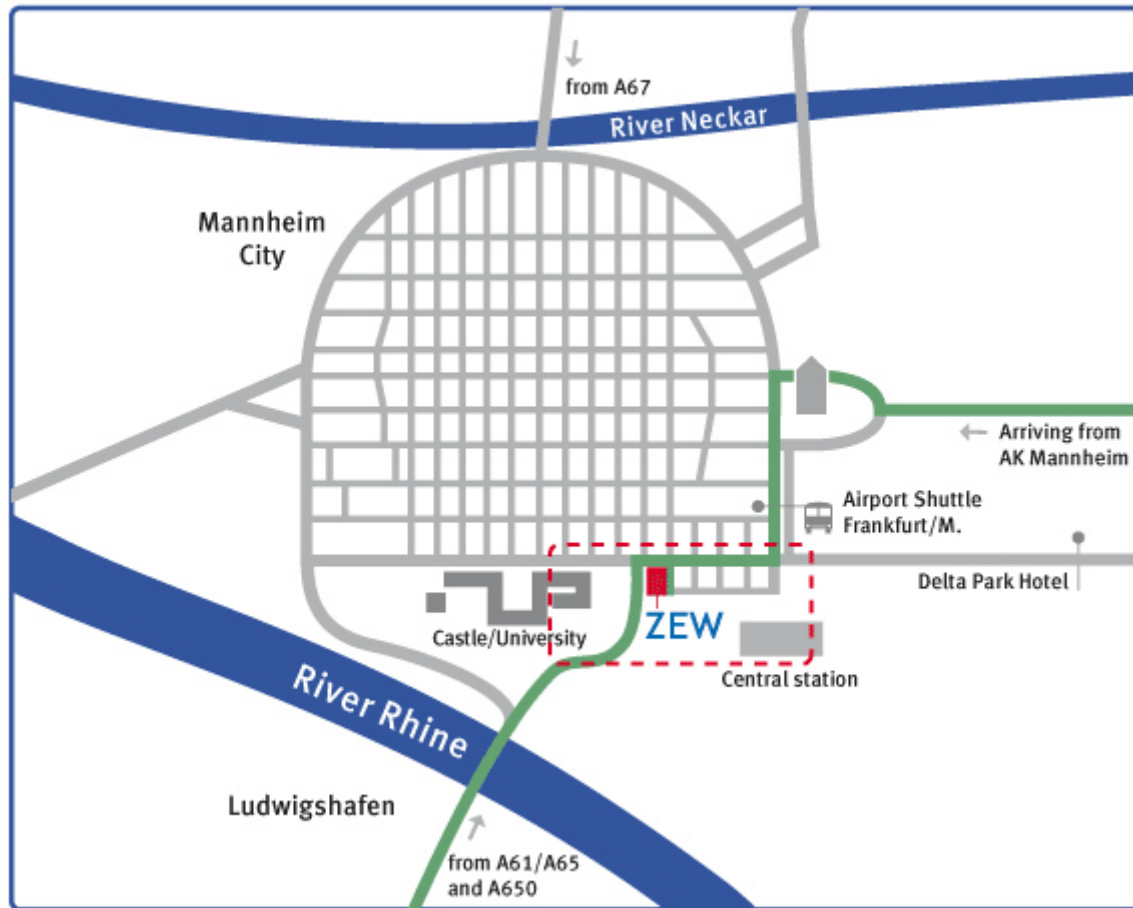
| Time        | Session                                                                                                                                                                                                                                                                                |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 13.00-14.00 | <b>Arrival and Registration</b><br>Fingerfood, Coffee and Drinks                                                                                                                                                                                                                       |
| 14.00-14.15 | <b>Welcome Address</b><br><b>Thomas Fetzer</b> (MaCCI, U. Mannheim)                                                                                                                                                                                                                    |
| 14.15-15.15 | <b>Keynote Lecture</b><br><b>Josef Drexl</b> (MPI Munich):<br><b>On the Future Legal Framework of the Data Economy: The Goals of Innovation and Competition</b>                                                                                                                        |
| 15.15-15.30 | Coffee Break                                                                                                                                                                                                                                                                           |
| 15.30-17.00 | <b>Panel I: The Future of Data Markets</b><br><b>Chair: Achim Wambach</b> (MaCCI, ZEW, U. Mannheim)<br><b>Josef Drexl</b> (MPI Munich)<br><b>Thomas Keil</b> (SAS)<br><b>Boris Otto</b> (Fraunhofer Institute for Software and Systems Engineering)<br><b>Christian Scheel</b> (Bosch) |
| 17.00-17.30 | Coffee Break                                                                                                                                                                                                                                                                           |
| 17.30-19.00 | <b>Panel II: Privacy and the Protection of Personal Data</b><br><b>Chair: Thomas Fetzer</b> (MaCCI, U. Mannheim)<br><b>Stefan Bender</b> (Bundesbank)<br><b>Bruno Jullien</b> (Toulouse School of Economics)<br><b>Andreas Hufenstuh</b> l (PWC)                                       |
| 20.00-23.00 | Conference Dinner (for speakers only)                                                                                                                                                                                                                                                  |

Tuesday, 7<sup>th</sup> November 2017

| Time        | Session                                                                                                                                                                                                                                                                    |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9:30-10:30  | <b>Invited Lecture</b><br><b>Alice Hutchings</b> (University of Cambridge)<br><b>Displacing Big Data: How Criminals Cheat the System</b>                                                                                                                                   |
| 10:30-11:00 | Coffee Break                                                                                                                                                                                                                                                               |
| 11:00-12:30 | <b>Panel III: Sector-Specific Regulation and Personal Data</b><br><b>Chair: Martin Peitz</b> (MaCCI, U. Mannheim)<br><b>Jan Krancke</b> (Deutsche Telekom)<br><b>Alexandre de Streel</b> (University of Namur and CERRE, Belgium)<br><b>Oliver Franz</b> (Innogy, Germany) |
| 12:30-14:00 | Lunch Break                                                                                                                                                                                                                                                                |
| 14:00-15:30 | <b>Panel IV: Competition Policy and Big Data</b><br><b>Chair: Jens-Uwe Franck</b> (MaCCI, U. Mannheim)<br><b>Kai-Uwe Kühn</b> (University of East Anglia, UK)<br><b>Arno Rasek</b> (German Cartel Office)<br><b>Cyril Ritter</b> (European Commission)                     |
| 15:30-16:00 | Farewell coffee                                                                                                                                                                                                                                                            |

### Location of the conference

ZEW Centre for European Economic Research, L7,1, 68161 Mannheim, Germany



### Attending the conference

If you would like to attend the conference, please register until **October, 25th 2017** via [https://en.xing-events.com/MaCCI\\_Participant17](https://en.xing-events.com/MaCCI_Participant17). Please inform us whether you have any special requests (e.g. dietary requirements).

Please note that we have to limit the number of passive conference participants. We will allocate the places on a first-come, first-served basis.

### Organizers

Thomas Fetzner, Department of Law, University of Mannheim

Martin Peitz, Department of Economics, University of Mannheim

### Contact

Florian Ferrenberg, Department of Law, University of Mannheim, [fiferren@mail.uni-mannheim.de](mailto:fiferren@mail.uni-mannheim.de)

---

## MaCCI Competition and Regulation Day

December 1, 2017

---

### Organizers

Florian Ferrenberg, Thomas Fetzer, Martin Peitz

### MORNING SESSION I (Law Dissertation Presentations, University of Mannheim, EW 159)

**Chair: Prof. Dr. Thomas Fetzer**

8.30–9.15 **Niklas Knüppel**

*Datenschutz und Big Data – Die rechtliche Einordnung datenfinanzierter Internetangebote*

9.15–10.00 **Markus Kohlmann**

*Konvergenz in der Telekommunikationsregulierung*

### MORNING SESSION II (ZEW, Room 1)

10.30-11.30 **Achim Wambach**

*On competition in network industries – recent reports by the German Monopolies Commission*

11.30-12.15 **Martin Peitz**

*Big data markets*

---

## LUNCH BREAK

12.30-14.00 MaCCI Lunch (MoschMosch, with prior registration)

## AFTERNOON SESSION (ZEW, Room 1)

14.00-14.30 MaCCI Assembly

14.30-15.15 **Andreas Engert**

*Liability of online marketplaces*

15.15-15.30 short coffee break

15.30-16.15 **Reinhold Kesler**

*Hotel rankings of online travel agents and pricing across distribution channels*

16.15-17.00 **Miriam Buiten**

*Regulating big data: A competition law or consumer protection concern?*

---