



# **Mannheim Centre for Competition and Innovation (MaCCI)**

Activity Report 2020

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## **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.

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

MaCCI is an initiative by the Centre for European Economic Research (ZEW) and the Economics and Law Departments of the University of Mannheim.

In January 2021, MaCCI Directors were

- Bernhard Ganglmair (University of Mannheim, Department of Economics, ZEW)
- Thomas Fetzner (University of Mannheim, Department of Law, ZEW)
- Martin Peitz (University of Mannheim, Department of Economics, ZEW)
- Achim Wambach (ZEW, University of Mannheim, Department of Economics)

In January 2021, the MaCCI Coordinators were

- Georg Licht (ZEW, Coordinator)
- Jacopo Gambato (ZEW)
- Nadine Hahn (ZEW)

### **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 2021, MaCCI consisted of

- 24 senior members
- 23 junior members
- 42 Ph.D. students

MaCCI is supported by an advisory board. In January 2021, the board consisted of the following members:

- Cristina Caffarra (Charles River Association)
- Silke Hossenfelder (Bundeskartellamt)
- Bruno Jullien (Toulouse School of Economics)
- William E. Kovacic (George Washington University)
- Alexandre de Stree (University of Namur)
- Massimo Motta (ICREA - University Pompeu Fabra and Barcelona Graduate School of Economics)
- Heike Schweitzer (Free University of Berlin)
- Fiona M. Scott Morton (Yale University)

At the end of 2020 Birgit Krueger (Bundeskartellamt) has left the MaCCI Advisory Board. MaCCI is grateful for her contributions.

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

The 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. MaCCI projects and publications contribute to ongoing policy debates on international as well as European/Germany specific levels. Moreover, 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),
- the MaCCI Career Day for competition economists.

Additionally to recurrent events, MaCCI holds various 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 (CRESE)

**How is MaCCI funded?**

MaCCI receives funding through the University of Mannheim and the ZEW. In addition, the MaCCI Association supports certain MaCCI activities. Supporting members of the MaCCI Association in 2020 are CompassLexecon and CRA.

## 2 MaCCI Snapshots

### **December 2020: Innovation Economists meet for Two-Day Virtual Workshop**

MaCCI co-organized the second CRC TR 224-MaCCI-ZEW Workshop "Economics of Innovation" that was held online on December 9 and 10. Current and former members joined a list of economists to present and discuss recent research on the economics of innovation. Prof. Monika Schnitzer, LMU Munich and member of the German Council of Economic Experts, and Shane Greenstein, Harvard Business School, rounded off the event with two keynote lectures.

### **December 2020: MaCCI Co-Hosts JCLE-Conference**

Gathering legal and economic experts, as well as policy makers, the aim of this event was to discuss existing evidence and competition policy implications on common ownership and interlocking directorates in a transatlantic perspective. A special issue of the Journal of Competition Law & Economics (OUP) on the topic, featuring article contributions by speakers at this event, will be published in 2021.

### **November 2020: MaCCI Competition & Regulation Day**

This year's MaCCI Competition and Regulation Day was hosted by the law department at the University of Mannheim. The workshop provided an annual platform for members of the departments of law and economics as well as ZEW serving to strengthen the ties between members of the university active in research related to competition and regulation. It also serves to gather feedback and improve the quality of the papers presented. Due to the pandemic the workshop was moved online and shortened slightly. The papers presented dealt with predation, algorithmic pricing, the EU commission's „New Competition Tool“ and the sanctioning of cartels.

### **October 2020: ZEW Workshop on Economics of Government Procurement**

On 23 October 2020, the second edition of the ZEW Workshop on Economics of Public Procurement took place virtually. The event provided a forum for recent high-quality research in the economic analysis of government procurement by bringing together empirical economists with different backgrounds working in the field.

Topics ranged from the bureaucratic incentives of allocation decisions in public procurement to the analysis of both the role of public procurement as a strategic policy instrument and the efficacy of various types of remedies to decrease inefficiencies in government purchases. The workshop featured a keynote

speech by Elena Krasnokutskaya, associate professor at Johns Hopkins University in Baltimore, USA.

#### **October 2020: MaCCI IO Day 2020**

The objective of the conference was to discuss recent scientific contributions to the economics of information and communication technologies (ICT) and the economics of ICT industries from a theoretical, empirical and policy-oriented perspective.

#### **October 2020: Virtual Seminar Series on Consumer Search**

MaCCI hosted a series of virtual seminars on consumer search starting in October, which was co-organized by MaCCI researcher Daniel Savelle. The program to the series can be found in section 5 of this report.

#### **July 2020: Virtual Economics of ICT Conference**

The ZEW Conference on the Economics of Information and Communication Technologies has become one of the most important scientific events in the field of digital economics.

MaCCI members Irene Bertschek and Martin Peitz put together an exciting program that attracted almost 300 international researchers, even though the conference had to move online with a shorter schedule.

#### **June 2020: MaCCI EPoS Virtual IO Seminar**

The MaCCI EPoS Virtual IO Seminar attracted considerable attention from researchers in the fields of digital and competition economics.

The schedule comprised 12 paper presentations on the broader topic of competition and privacy. Over the course of the seminar series, 445 people attended the presentations (on Zoom), with almost 250 people attending more than once. Six of the presentations were recorded and are posted on YouTube. Links to the videos can be found on the seminar website.

#### **March 2020: Virtual Seminar Series on Privacy & Competition**

MaCCI and the Collaborative Research Center Transregio 224 "EPoS" at the University of Bonn and the University of Mannheim launched a new virtual seminar series, organized by MaCCI members Eleftheria Triviza and Bernhard Ganglmair. The scheduled papers were related to the broader topic of privacy and competition.

**March 2020: Second MaCCI Career Day**

The MaCCI association organised the second MaCCI Career Day for competition economists. Students had the chance to talk to the economics consultancies CompassLexecon, CRA, e.ca, Nera, Oxera, RBB as well as to the German Cartel Office and the German Monopolies Commission.

**Selected Achievements and Activities by MaCCI Members****October 2020: MaCCI Member Joins the Journal of Competition Law & Economics as Associate Editor**

MaCCI Senior Member Martin Peitz has become Associate Editor of the Journal of Competition Law & Economics (JCLE).

JCLE publishes research articles in competition law and competition economics.

**June 2020: MaCCI Webinar for Federal Ministry for Economic Affairs and Energy**

MaCCI member Bernhard Ganglmair discussed the findings of his recent study on the effects of competition on productivity in Germany in a webinar with members of the economic policy department at the Federal Ministry for Economic Affairs and Energy. The study was funded by the Bertelsmann Stiftung and is joint work with MaCCI member Bettina Peters and MaCCI doctoral students Nadine Hahn, Alexander Kann and Ilona Tsanko.



### **3 Members**

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 an affiliation to at least one of the two founding institutions.

In January 2021, MaCCI had 24 senior members (full professors and heads of research units at ZEW), 23 junior members (post-docs and assistant professors) and 42 doctoral students. It therefore is one of the largest centers world-wide for law and economics research in the fields of competition, regulation and innovation.

In January 2021, the following researchers were members of MaCCI:

#### **Senior Members**

Irene Bertschek (ZEW)  
Harald Fadiner (U. Mannheim, Economics)  
Thomas Fetzer (U. Mannheim, Law, ZEW)  
Jens-Uwe Franck (U. Mannheim, Law)  
Vitali Gretschko, (ZEW, U. Mannheim, Economics)  
Friedemann Kainer (U. Mannheim, Law)  
Nadine Klass (U. Mannheim, Law)  
Jan Klement (U. Mannheim, Law)  
Georg Licht (ZEW)  
Ralf Müller-Terpitz (U. Mannheim, Law)  
Alexander Morell (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)  
Nicolas Schutz (U. Mannheim, Economics)  
Michelle Sovinsky (U. 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 (U. Mannheim, Economics)  
Achim Wambach (ZEW, U. Mannheim, Economics)

### **Junior Members**

Florian Baumann (ZEW)  
Johannes Bersch (ZEW)  
Hannes Beyerbach (U. Mannheim, Law)  
Philipp Boeing (ZEW)  
Francesco Clavorà Braulin (ZEW)  
Adriano De Leverano (ZEW)  
Alexander Donges (U. Mannheim, Economic History, Economics of Innovation)  
Nicolas Fugger (ZEW)  
Bernhard Ganglmair, (ZEW, U. Mannheim, Economics)  
Leonardo Maria Giuffrida (ZEW)  
Laura Grigolon (U. Mannheim, Economics)  
Harim Kim (U. Mannheim, Economics)  
Lei Li (U. Mannheim, Economics)  
Simona Murmann (ZEW)  
Helena Perrone (U. Mannheim, Economics)  
Daniel Savelle (U. Mannheim, Economics)  
Jan Schymik (U. Mannheim, Economics)  
Anton Sobolev (U. Mannheim, Economics)  
André Stenzel (U. Mannheim, Economics)  
Lea Tochtermann (U. Mannheim, Law)  
Eleftheria Triviza (U. Mannheim, Economics)  
Tobias Wenzel (ZEW)  
Oliver Woll (ZEW)

### **Doctoral students**

Janna Axenbeck (ZEW)  
Anamaria Baltés (U. Mannheim, Law)  
Oliver Belitz (U. Mannheim, Law)

Marius Berger (ZEW)  
Matilde Cappelletti (ZEW)  
Bianka Dinger (U. Mannheim, Law)  
Julian Dörr (ZEW)  
Daniel Eimer (U. Mannheim, Law)  
Florian Ferrenberg (U. Mannheim, Law)  
Lisa Freihoff (U. Mannheim, Law)  
Lena Füner (ZEW)  
Jacopo Gambato (ZEW)  
Nadine Hahn (ZEW)  
Philipp Herrmann (U. Mannheim, Law)  
Federico Innocenti (U. Mannheim, Economics)  
Alexander Kann (ZEW)  
Torsten Kind (U. Mannheim, Law)  
David Klock (U. Mannheim, Law)  
Emanuel Kollmann (U. Mannheim, Law, ZEW)  
Damaris Kosack (U. Mannheim, Law)  
Maria Krämer (U. Mannheim, Law)  
Thorsten Kreckel (U. Mannheim, Law)  
Bastian Krieger (ZEW)  
Daniil Larionov (U. Mannheim, Economics)  
Moritz Lubczyk (ZEW)  
Hannes Marks (ZEW)  
David Mattern (U. Mannheim, Law)  
Andreas Michl (U. Mannheim, Law)  
Heinrich Nemeček (U. Mannheim, Law)  
Eric Niederprüm (U. Mannheim, Law)  
Andreas Rief (U. Mannheim, Law)  
Tobias Riehm (ZEW)  
Sebastian Seidel (U. Mannheim, Law)  
Maximilian Schmidt (U. Mannheim, Law)  
Kaltrina Shala (U. Mannheim, Law)  
Nils Stock (U. Mannheim, Law)  
Markus Trunschke (ZEW)  
Marija Turkovic Popovski (U. Mannheim, Law)

Ilona Tsanko (ZEW)  
Fabian Uebele (U. Mannheim, Law)  
Felix Walter (U. Mannheim, Law)  
Simon Wizemann (U. Mannheim, Law)

**People who left MaCCI in 2020 and their new affiliation:**

*Former Advisory Board Member:*

Birgit Krueger (2018-2020)

*Former Junior Members:*

Vanessa Behrens (WIPO Geneva)

Miriam Buiten (University of St. Gallen)

Dominik Schober (Deutsche Bundesbank)

Olga Slivko (RSM Erasmus University)

Emmanuele Tarantino (LUISS Rome)

*Former Doctoral Students:*

Allessandra Alloca (LMU Munich)

Robert Aue (Regional Court of Audit Kiel)

Yihan Yan (DICE Düsseldorf)

Philippe Gillen (Negotiation Advisory Group)

Reinhold Kesler (University of Zürich)

## 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. The MaCCI Letter provides further details on three papers published by MaCCI members in 2020. In addition, we provide a full list of publications by all MaCCI members below.

### Publications in Journals:

#### *Published*

Anderson, Simon and **Martin Peitz** (2020), *Media See-Saws: Winners and Losers in Platform Markets*, *Journal of Economic Theory*, 186, 104990.

Belleflamme, Paul and **Martin Peitz** (2020), *The Competitive Impacts of Exclusivity and Price Transparency in Markets with Digital Platforms*, *Concurrences*, issue 1, 2-7.

**Bersch, Johannes**, Hans Degryse, Thomas Kick and Ingrid Stein (2020), *The Real Effects of Bank Distress: Evidence from Bank Bailouts in Germany*, *Journal of Corporate Finance*, 60, 101521.

**Bertschek, Irene** (2020), *Digitalisierung – Der Corona-Impfstoff für die Wirtschaft*, *Wirtschaftsdienst*, 100(9), 653–656.

**Bertschek, Irene** (2020), *EU-Datenstrategie: Mit gutem Beispiel vorangehen*, *Wirtschaftsdienst*, 100(3), 153.

**Böing, Philipp** and Paul Hünermund (2020), *A Global Decline in Research Productivity? Evidence from China and Germany*, *Economics Letters* 197, 109646.

Breinlich, Holger, **Volker Nocke** and **Nicolas Schutz** (2020), *Merger Policy in a Quantitative Model of International Trade*, *Economic Journal*, 130(626), 393-421.

Buiten, Miriam, **Alexandre de Streel**, and **Martin Peitz** (2020), *Rethinking Liability Rules for Online Hosting Platforms*, *International Journal of Law and Information Technology*, 28(2), 139-166.

Decarolis, Francesco, **Leonardo Maria Giuffrida**, Elisabetta Iossa, Vincenzo Mollisi and Giancarlo Spagnolo (2020), *Bureaucratic Competence and Procurement Outcomes*, *The Journal of Law, Economics, and Organization*.

**Fadinger, Harald** and **Jan Schymik** (2020), *The Costs and Benefits of Home Office During the COVID-19 Pandemic: Evidence from Infections and an Input-Output Model for Germany*, C.E.P.R. COVID Economics: Vetted and Real-Time Papers, 9, 107-131.

**Fetzer, Thomas**, Christoph Spengel, **Bianka Dinger** and Ann-Catherin Werner (2020), *Besteuerungskonzepte für Sharing Economy: Aktuelle Regelungen und Reformoptionen*, *Steuer und Wirtschaft: StuW* 2020, 106-122.

**Fetzer, Thomas**, *Die Netzneutralitätsdebatte erreicht den EuGH, zugleich Besprechung von EuGH, Urteil vom 15.09.2020 – C-807/18 und C-39/19*, *Zeitschrift für Urheber- und Medienrecht: ZUM* 2020, 912.

**Franck, Jens-Uwe** and **Martin Peitz** (2020), *Cartel Effects and Component Makers' Rights to Damages*, *World Competition Law and Economics Review*, 43(2), 209-240.

**Franck, Jens-Uwe** (2020), *Ein Solitär wird geschrumpft: Von der Neuvermessung der Kartellbetroffenheit: zugleich Besprechung von BGH, 28.01.2020 – KZR 24/17 – Schienenkartell II*, *Wettbewerb in Recht und Praxis: WRP* 66.5, 536-540.

Fumagalli, Chiara, **Massimo Motta** and **Martin Peitz** (2020), *Which Role for State Aid and Merger Control During and After the Covid Crisis?*, *Journal of European Competition Law & Practice*, 11(5-6), 294-301.

**Ganglmair, Bernhard**, Noah Myung and Alex Holcomb (2020), *Expectations of Reciprocity when Competitors Share Information: Experimental Evidence*, *Journal of Economic Behavior & Organization*, 170, 244-267.

Gu, Yiquan and **Tobias Wenzel** (2020), *Curbing Obfuscation: Empower Consumers or Regulate Firms?*, *International Journal of Industrial Organization*, 70, 102582.

Heim, Sven, **Bastian Krieger** and Mario Liebensteiner (2020), *Unbundling, Regulation and Pricing: Evidence from Electricity Distribution*, *The Energy Journal*, 41.

Hellwig, Michael, Dominik Schober and **Oliver Woll** (2020), *Measuring Market Integration and Estimating Policy Impacts on the Swiss Electricity Market*, *Energy Economics* 86, 104637.

Holtermann, Linus, Christian Hundt, Jonas Steeger and **Johannes Bersch** (2020), *The Utilization of Cluster Externalities and Recessionary Shocks*, Industrial and Corporate Change.

Hunold, Matthias, **Reinhold Kesler** and Ulrich Laitenberger (2020), *Rankings of Online Travel Agents, Channel Pricing, and Consumer Protection*, Marketing Science, 39(1), 92-116.

**Kainer, Friedemann** (2020), *Aus der nationalen Brille: Das PSPP-Urteil des BVerfG*, European Journal of Business Law 31.12, 533-536.

**Kainer, Friedemann** (2020), *Das Grundrecht auf Arbeitszeiterfassung: Weitere Schritte zur Konstitutionalisierung des Gemeinschaftsprivatrechts, zugleich Besprechung von EuGH, 14.05.2019 – C-55/18 – CCOO*, GPR: Zeitschrift für das Privatrecht der Europäischen Union, 17(3), 149-155.

**Kainer, Friedemann** (2020), *Deal or No Deal? Das Ringen um Wettbewerbsgleichheit und Fischerei*, Ifo Schnelldienst, 73(12), 18-21.

**Kainer, Friedemann** (2020), *Nach dem Brexit ist vor dem Brexit: Über die Verhandlungen zu einem Freihandelsabkommen*, Transportrecht, 43(3), 120-126.

**Kainer, Friedemann** and Franziska Feinauer (2020), *Interne Ermittlungen im Referentenentwurf zum Verbandssanktionengesetz*, Neue Zeitschrift für Arbeitsrecht: NZA 37.6, 363-368.

**Kainer, Friedemann** and Lydia Förster (2020), *Autonome Systeme im Kontext des Vertragsrechts*, Zeitschrift für die gesamte Privatrechtswissenschaft: ZfPW, 6(3), 275-305.

Karle, Heiko, **Martin Peitz** and Markus Reisinger (2020), *Segmentation versus Agglomeration: Competition between Platforms with Competitive Sellers*, Journal of Political Economy, 128(6), 2329-2374.

Kinne, Jan and **Janna Axenbeck** (2020), *Web Mining for Innovation Ecosystem Mapping: A Framework and a Large-scale Pilot Study*, Scientometrics, 125(3), 2011-2041.

**Klass, Nadine** (2020), *BGH, Urteil v. 17. 12. 2019 – VI ZR 504/18 – (OLG München): Anmerkung*, Juristenzeitung: JZ, 75(13), 693-696.

**Klass, Nadine** (2020), *Das Recht auf Vergessen(-werden) und die Zeitlichkeit der Freiheit*, Zeitschrift für Urheber- und Medienrecht: ZUM 64.4, 265-277.



**Klass, Nadine** (2020), *FILTER(N) oder nicht? Der Einsatz von Filtertechnologien im Urheber- und Medienrecht*, Zeitschrift für Urheber- und Medienrecht: ZUM 64.5, 353-355.

Lauermann, Stephan, Georg Nöldeke and **Thomas Tröger** (2020), *The Balance Condition in Search-and-Matching Models*, *Econometrica*, 88(2), 595-618.

Lehmann-Hasemeyer, Sibylle and **Jochen Streb** (2020), *Discrimination against Foreigners: The Wuerttemberg Patent Law in Administrative Practice*, *Journal of Economic History*, 80(4), 1071-1100.

Mass, Helene, **Nicolas Fugger**, **Vitali Gretschko** and **Achim Wambach** (2020), *Imitation Perfection - A Simple Rule to Prevent Discrimination in Procurement*, *American Economic Journal: Microeconomics* 12(3), 189-245.

Mermelstein, Ben, **Volker Nocke**, Mark A. Satterthwaite and Michael D. Whinston (2020), *Internal versus External Growth in Industries with Scale Economies: A Computational Model of Optimal Merger Policy*, *Journal of Political Economy*, vol. 128(1), 301-341.

**Morell, Alexander** (2020), *"Mietright" und die Abtretungssammelklage*, Zeitschrift für Wettbewerbsrecht: ZWeR, 328-350.

**Motta, Massimo** and **Martin Peitz** (2020), *Removal of Potential Competitors – A Blind Spot of Merger Policy?*, *Competition Law and Policy Debate*, 6(2), 19-25.

**Motta, Massimo** and **Martin Peitz** (2020), *State Aid Policies in Response to the COVID-19 Shock: Observations and Guiding Principles*, *Intereconomics*, 55(4), 219-222.

**Müller-Terpitz, Ralf** (2020), *Die Grundrechtsberechtigung juristischer Personen im Zeitalter der Globalisierung und Digitalisierung*, *JuristenZeitung* 2020, 1080-1087.

**Müller-Terpitz, Ralf** (2020), *Filter als Gefahr für die Meinungspluralität? – Verfassungsrechtliche Erwägungen zum Einsatz von Filtertechnologien*, Zeitschrift für Urheber- und Medienrecht 2020, 365-374.

**Peitz, Martin** and Dongsoo Shin (2020), *Distorted Input Ratios in Vertical Relationships*, *Scandinavian Journal of Economics*, 122(4), 1480-1509.

Pennerstorfer, Dieter, Philipp Schmidt-Dengler, **Nicolas Schutz**, Christoph Weiss and Biliana Yontcheva (2020), *Information and Price Dispersion: Theory and Evidence*, *International Economic Review*, 61(2), 871-899.

Rasch, Alexander, Miriam Thöne und **Tobias Wenzel** (2020), *Drip Pricing and its Regulation: Experimental Evidence*, *Journal of Economic Behavior and Organization*, 176, 353-370.

**Renner, Moritz** (2020), *From „the Study of Nature“ to Systems Theory: Sociological Approaches in Commercial Law*, *Ancilla Juris (anci.ch)*, 41-56. (English version).

**Renner, Moritz** (2020), *Transnational Fiduciary Law in Bond Markets – A Case Study*, *UC Irvine Journal of International, Transnational and Comparative Law* 5, 113-133.

**Renner, Moritz** (2020), *Vom „Naturstudium“ zur Systemtheorie*, *Soziologische Ansätze im Wirtschaftsrecht*, *Ancilla Iuris (anci.ch)*, 41-56.

**Wambach, Achim** (2020), *China: Zur Notwendigkeit eines neuen Wettbewerbsinstruments*, *Wirtschaftsdienst – Zeitschrift für Wirtschaftspolitik*, 100(9), 646-647.

**Wambach, Achim** (2020), *Der Umsetzung ein Stück näher*, *Wirtschaft und Wettbewerb*, 07-08, 353.

**Wambach, Achim** and Katja Greer (2020), *In kleinen Schritten zu mehr Wettbewerb auf dem Krankenkassenmarkt*, *Perspektiven der Wirtschaftspolitik*, 21(1), 1-6.

**Wambach, Achim** and John P. Weche (2020), *Sektorübergreifende Konzentrations- und Margenzunahme: Bestandsaufnahme, Ursachen und Folgen*, *Perspektiven der Wirtschaftspolitik*, 21(2), 1-16.

#### *Forthcoming*

**Baumann, Florian** and Tim Friehe (2021), *Products liability, consumer misperceptions, and the allocation of consumers to firms*, *Economics Letters* 198, 109658.

**Donges, Alexander** and Felix Selgert (forthcoming), *The Social Background of Prussian Inventors and Entrepreneurs during the First Industrial Revolution*, *Zeitschrift für Unternehmensgeschichte / Journal of Business History*.

**Fadinger, Harald**, Mariya Teteryatnikova and Christian Ghiglino (forthcoming), *Income Differences, Productivity and Input-Output Networks*, American Economic Journal: Macroeconomics.

Ham, John, Daniela Iorio and **Michelle Sovinsky** (forthcoming), *Health Outcomes, Personality Traits, and Eating Disorders*, Economic Policy.

**Kim, Harim**, *Heterogeneous Impacts of Cost Shocks, Strategic Bidding and Pass-Through: Evidence from the New England Electricity Market*, American Economic Journal: Microeconomics.

Montez, Joao and **Nicolas Schutz** (forthcoming), *All-Pay Oligopolies: Price Competition with Unobservable Inventory Choices*, Review of Economic Studies.

**Motta, Massimo** and **Martin Peitz** (forthcoming), *Big Tech Mergers*, Information Economics and Policy.

Yoo, Christopher S., Thomas Fetzner, Shan Jiang and Yong Huang (forthcoming), *Due Process in Antitrust Enforcement: Normative and Comparative Perspectives*, Southern California Law Review.

**Bayerbach, Hannes**, *Social Media im Verfassungsrecht und der einfachgesetzlichen Medienregulierung*, in: Gerrit Hornung, Ralf Müller-Terpitz (Hrsg.), *Rechtshandbuch Social Media*, 2. Auflage, Springer, Heidelberg.

## Monographs, edited books, chapters, and longer studies:

### *Published*

Arndt, Hans-Wolfgang, **Thomas Fetzter**, Joachim Scherer and Kurt Graulich (2020), *TKG Telekommunikationsgesetz Kommentar, 3. Aufl. (contribution: Telekommunikationsgesetz §§ 1, 3-8, 15a, 27-36, 40-41, Vorb. §§ 52 ff.-60, 116-125, 132-134, 135-136, 140-149 TKG)*, Erich Schmidt, Berlin.

**Bayerbach, Hannes** (2020), „*Kommentierung des Landesinformationsfreiheitsgesetzes Baden-Württemberg (LIFG), §§ 1–12*“, *Hubertus Gersdorf/Boris P. Paal, Beck'scher Online-Kommentar zum Informations- und Medienrecht*, seit der 15. Edition (März 2017); aktueller Stand: 27. Edition.

**Bayerbach, Hannes** (2020), *Kommentierung von § 5 Nr. 1 Geschäftsgeheimnisgesetz (Ausnahme für die Wahrnehmung der Meinungs- und Informationsfreiheit sowie der Pluralität der Medien)*, *Thomas Hoeren/Reiner Münker, Geschäftsgeheimnisgesetz*, DeGruyter.

**Bertschek, Irene**, Rebecca Janßen and Jörg Ohnemus (2020), *IT-Sicherheit aus ökonomischer Perspektive*, in: Gerrit Hornung und Martin Schallbruch 1. Auflage 2021, 63-74.

Camarero Garcia, Sebastian, Eckhard Janeba, Sebastian Sieglöcher, Martin Ungerer and **Achim Wambach** (2020), *Kommunale Antworten auf die Globale Corona-Krise: Finanzen, Innovationskraft und Lebensqualität verbessern*, Deutscher Städtetag, Berlin.

Dachs, Bernhard, Martin Hud and **Bettina Peters** (2020), *Innovation, Employment, and the Business Cycle*, in: Zimmermann K. (eds) *Handbook of Labor, Human Resources and Population Economics*. Springer, Cham.

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## 5 Events

In 2020, 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 section, we provide a full list of all MaCCI events in 2020. Further information is provided on [www.macci.eu](http://www.macci.eu). The respective event programs are also included in the annex to this report.

In addition to dissemination activities to the public, MaCCI has established two internal annual events. Each spring, the MaCCI association holds the MaCCI IO day on cutting-edge research regarding competition, regulation and innovation and stimulates the exchange of ideas between ZEW and University of Mannheim researchers. Each fall (since 2013) MaCCI also 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 also functions as a hub for communication on economic methods to legal scholars (in particular, doctoral students) as well as the provision of state-of-the-art legal analysis to economists.

### **MaCCI Events (full list)**

9 - 10 December 2020

MaCCI-EPoS Workshop Economics of Innovation

7 December 2020

Common Ownership, Interlocking Directorates & Competition: A Transatlantic Perspective (cohosted JCLE Event)

13 November 2020

MaCCI Competition and Regulation Day 2020

23 October 2020  
Second Economics of Public Procurement Workshop

14 October 2020  
Deconcentration and Innovation: Dissolving IG Farben

2 July 2020  
18<sup>th</sup> Conference on the Economics of Information and Communication

28 May 2020  
European Privacy Law and Global Markets for Data

14 May 2020  
Current Developments in Telecom Regulation

2 April - 28 May 2020  
MaCCI/EPoS Virtual IO Seminar

5 March - 6 March 2020  
MaCCI Annual Conference

5 March  
MaCCI Career Day

**Additional information**

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

**Lectures in MaCCI Seminar Series:**

**Consumer Search Digital Seminar Series**

9 December 2020

Jiarui Liu (University of Chicago), Andrey Minaev (University of North Carolina at Chapel Hill), Marton Varga (INSEAD), Yang Yang (Toulouse School of Economics)

Job Market Jam Session

2 December 2020

Stephan Laueremann (University of Bonn)

"Auctions with Frictions"

18 November 2020

Raluca Ursu (NYU Stern School of Business)

"Search Gaps"

11 November 2020

Cole Randall Williams (University of Vienna)

"Influencing Search"

4 November 2020

Andrew Rhodes (Toulouse School of Economics)

"Dynamic Consumer Search"

28 October 2020

Tobias Gamp (Humboldt University of Berlin)

"Unrealistic Beliefs in Search Markets"

21 October 2020

Daniel Savelle (University of Mannheim)

"Ordered Search: Equilibrium and Optimum"

14 October 2020

Eeva Muring (University of Bergen)

"Sequential Search with Limited Price Discrimination"

7 October 2020

Sandro Shelegia (University Pompeu Fabra, BGSE, CEPR)

"Search, Showrooming, and Retailer Variety"



Visit the following link for the recorded sessions:  
<https://sites.google.com/view/consumersearchseminar/>

### **MaCCI/EPoS Virtual IO Seminar Series**

#### Program Fall 2020

26 November 2020

Eeva Muring (University of Bergen)

"Sequential Search with Limited Price Discrimination"

19 November 2020

Xiao Lin (Penn State)

"How to Sell Hard Information"

12 November 2020

Elias Carroni (University of Bologna)

"Does Costly Persuasion Signal Quality?"

5 November 2020

Huan Tang (LSE)

"The Value of Privacy: Evidence of Online Borrowers"

29 October 2020

Shota Ichihashi (Bank of Canada)

"Addictive Platforms"

22 October 2020

Johnson Garrett (Questrom School of Business)

"Privacy & Market Concentration: Intended & Unintended Consequences of the GDPR"

Program Spring 2020

18 June

Alessandro Bonatti (MIT)

"Information Revelation and Consumer Privacy"

11 June 2020

Shane Greenstein (Harvard Business School)

"The Impact of the General Data Protection Regulation on Internet Interconnection"

4 June 2020

Özlem Bedre-Defolie (ESMT Berlin)

"Platform Competition for Exclusivity with a Marquee Seller"

28 May 2020

Andrei Hagiu (Boston University)

"Data-Enabled Learning, Network Effects and Competitive Advantages"

21 May 2020

Leonardo Madio (Toulouse School of Economics)

"Data Brokers Co-Opetition"

14 May 2020

Tobias Salz (MIT)

"The Economic Consequences of Data Privacy Regulation: Empirical Evidence from GDPR"

7 May 2020

Michael Kummer (University of East Anglia)

"GDPR and the Lost Generation of Innovative Apps"

30 April 2020

Shoshana Vasserman (Stanford University - SIEPR)

"Buying Data from Consumers: The Impact of Monitoring in US Auto Insurance"

23 April 2020

Carlo Reggiani (University of Manchester)

"Exclusive Data, Price Manipulation and Market Leadership"

16 April  
Nageeb Ali (Penn State University)  
"Voluntary Disclosure and Personalized Pricing"

9 April 2020  
Paul Belleflamme (UCLouvain)  
"Competitive Imperfect Price Discrimination and Market Power"

2 April 2020  
Greg Taylor (Oxford University)  
"Data and Competition: A General Framework with Applications to Mergers,  
Market Structure, and Privacy Policy"

**Some of the sessions were recorded. Please visit the following website for  
the link:**

<https://sites.google.com/view/macci-epos-virtual-io-seminar>

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

12 November 2020

Annegret Groebel (Bundesnetzagentur)

"How to Ensure that the German "Energiewende" Contributes to the Development of the Internal Energy Market? "

29 October 2020

Daniela Seeliger (Linklaters, Germany)

"New Challenges for Competition Law – Digitalisation and the German Reform, Crisis Management and ESG? "

8 October 2020

Liberty Mncube (FTI Consulting, South Africa)

"COVID-19 Excessive Pricing or Price Gouging - the South African Experience"

1 October 2020

Dan O'Brien (CompassLexecon, U.S.)

"A Consumer Perspective on Privacy, Disclosure, Data Security, and Content Screening"

28 May 2020

Stefan Bechtold (ETH Zürich)

"European Privacy Law and Global Markets for Data"

14 May 2020

Benno Bühler (CRA, Charles River Associates)

"The Show Must Go on – Recent Mergers in the TV Sector on both Sides of the Atlantic"

27 February 2020

Urs Haegler (CompassLexecon)

"The Role of Efficiencies in Merger Control and Art. 101 TFEU Cases"

**Annex**

In this Annex, we include the program of all MaCCI events organized in 2020.

## **CRC TR 224-MaCCI-ZEW**

### **WORKSHOP “ECONOMICS OF INNOVATION”**

**December 9-10, 2020**  
*Virtual Conference*

The CRC TR 224 “Economic Perspectives on Societal Challenges” (at the University of Mannheim and University of Bonn), the Mannheim Centre for Competition and Innovation (MaCCI), and the ZEW – Leibniz Centre for European Economic Research are pleased to announce the CRC TR 224-MaCCI-ZEW Workshop on “Economics of Innovation.” It will be held online on December 9 and 10, 2020.

**Organizers:**

Bernhard Ganglmair (University of Mannheim and ZEW Mannheim)  
Emanuele Tarantino (LUISS University and EIEF).

**Virtual venue:** The workshop is held on Zoom.

**Presentations:** Each presenter has up to 30 minutes, the discussant has up to 10 minutes, and general discussion for 10 minutes.

**Sessions:** At the end of each session, there will be two 20-minute breakout rooms (one theory-leaning and one empirics-leaning) to allow for more opportunities to discuss the papers of the respective sessions.

**Participants**

Alessandra Allocca (LMU Munich)  
Vincenzo Denicolò (Bologna)  
Michela Giorcelli (UCLA)  
Laura Grigolon (Mannheim)  
Emeric Henry (PSE)  
Yassine Lefouili (TSE)  
Gerard Llobet (CEMFI Madrid)  
Matt Mitchell (Toronto)  
Imke Reimers (Northeastern)  
Florian Schuett (Tilburg)  
Otto Toivanen (Aalto)

Michele Bisceglia (TSE)  
Bernhard Ganglmair (Mannheim)  
Shane Greenstein (HBS)  
Dietmar Harhoff (MPI Munich)  
Mitsuru Igami (Yale)  
Igor Letina (Bern)  
Hong Luo (HBS)  
Petra Moser (NYU)  
Monika Schnitzer (LMU Munich)  
Emanuele Tarantino (LUISS Rome)  
Yihan Yan (DICE)

## Program

**Wednesday, 9 December**

14:00-14:50 Introductory speech: Monika Schnitzer (LMU)

*Breakup Versus Regulation: Lessons from the 1984 Breakup of the Bell System and its Impact on Innovation*

14:50-15:00 (Virtual) Coffee Break

### Session 1

15:00-15:50 Michela Giorcelli (UCLA)

*The Dynamic and Spillover Effects of Management Interventions*

Discussant: Imke Reimers (Northeastern University)

15:50-16:40 Emeric Henry (Sciences Po)

*Regulation with Experimentation: Ex Ante Approval, Ex Post Withdrawal and Liability*

Discussant: Matt Mitchell (Rotman)

16:40-17:00 *Breakout Rooms*

17:00-17:20 (Virtual) Coffee Break

### Session 2

17:20-18:10 Alessandra Allocca (LMU)

*'No Man is an Island:' An Empirical Study on Team Formation and Performance*

Discussant: Otto Toivanen (Aalto University)

18:10-19:00 Florian Schuett (Tilburg)

*Is this Obvious?*

Discussant: Michele Bisceglia (TSE)

19:00-19:20 *Breakout Rooms*

**Thursday, 10 December**

**Session 3**

- 14:00-14:50 Hong Luo (HBS)  
*Scandal, Social Movement, and Change: Evidence from #MeToo in Hollywood*  
Discussant: Alessandra Allocca (LMU)
- 14:50-15:40 Yassine Lefouili (TSE)  
*Mergers and Demand-Enhancing Innovation*  
Discussant: Gerard Llobet (CEMFI)
- 15:40-16:00 *Breakout Rooms*
- 16:00-16:10 *(Virtual) Coffee Break*

**Session 4**

- 16:10-17:00 Igor Letina (Bern)  
*Killer Acquisitions and Beyond: Policy Effects on Innovation Strategies*  
Discussant: Vincenzo Denicolò (Università di Bologna)
- 17:00-17:50 Mitsuru Igami (Yale)  
*Mapping Firms' Locations in Technological Space: A Topological Analysis of Patent Statistics*  
Discussant: Yihan Yan (DICE)
- 17:50-18:10 *Breakout Rooms*
- 18:10-18:30 *(Virtual) Coffee Break*
- 18:30-19:20 Final speech: Shane Greenstein (HBS)  
*Where the Cloud Rests: The Economic Geography of Data Centers*



## 2<sup>nd</sup> Workshop on Economics of Public Procurement

Mannheim, 23 October 2020, 12:50 pm - 5:10 pm (CET+1). The workshop will be held online via Zoom.

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### PROGRAMME

Friday, 23 October 2020

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12:50 pm – 12:55 pm	Join the video conference via the link sent to you by email
12:55 pm – 1:00 pm	Opening remarks
1:00 pm – 2:00 pm	<b>Session I: Health and Green Spending</b> Chair: Adriano De Leverano (ZEW Mannheim)
1:00 pm – 1:30 pm	<b>Cartel Damages in English Procurement Auctions with Endogenous Entry: Evidence from a Medicine Cartel Case</b> <i>Klenio Barbosa (SKEMA Business School)</i> Discussant: <i>Nicolas Fugger (University of Cologne)</i>
1:30 pm – 2:00 pm	<b>Public Procurement and organic food policy: The effect on farmland and uptake</b> <i>Sofia Lundberg (Umeå University)</i> Discussant: <i>Olga Chiappinelli (DIW Berlin)</i>
2:00 pm – 2:30 pm	Break
2:30 pm – 3:30 pm	<b>Session II: Bureaucratic Incentives</b> Chair: Dimitri Szerman (University of Mannheim)
2:30 pm – 3:00 pm	<b>Can Entry Mitigate the Effect of Inflated Reserve Prices in Public Procurement?</b> <i>Vitalijs Jascisens (Higher School of Economics)</i> Discussant: <i>Ari Hyytinen (Hanken University)</i>
3:00 pm – 3:30 pm	<b>Distortion by Audit: Evidence from Public Procurement</b> <i>Dina Pomeranz (University of Zurich)</i> Discussant: <i>Ján Palguta (Carlos III University)</i>
3:30 pm – 4:00 pm	Break
4:00 pm – 5:00 pm	<b>Keynote Session: Accounting for Subcontracting in the Analysis of Procurement Markets</b> <i>Elena Krasnokutskaya (Johns Hopkins University)</i> Chair: <i>Leonardo Giuffrida (ZEW Mannheim)</i>
5:00 pm – 5:10 pm	Closing remarks

## MaCCI IO Day 2020

Friday, October 9, 2020 on Zoom/Online

### [Zoom Registration Link](#)

#### MORNING SESSION

Chair: Daniel Savelle (Uni MA)

- 9:00 – 9:50 **Adriano De Leverano (ZEW)**, “Complementary Bidding and the Collusive Arrangement: Evidence from an Antitrust Investigation”  
Discussant: **Helena Perrone (Uni MA)**
- 9:50 – 10:40 **Anton Sobolev (Uni MA)**, “Dual Pricing in a Model of Sales”  
Discussant: **Florian Baumann (ZEW)**
- 10:40 – 11:00 *Break*

#### JAM SESSION (*Short presentations*)

Chair: Bernhard Ganglmair (ZEW/Uni MA)

- 11:00 – 12:00 **Leonardo Giuffrida (ZEW)**, “Buyers’ Workload and R&D Procurement Outcomes: Evidence from the U.S. Air Force Research Laboratory”  
**Atabek Atayev (ZEW)**, “Search Cost Based Personalized Pricing”  
**Eleftheria Triviza (Uni MA)**, “Could Steering Improve Welfare?”  
**André Stenzel (Uni MA)**, “Strategic Pricing and Ratings”
- 12:00 – 13:00 *Break*

#### AFTERNOON SESSION

Chair: Harim Kim (Uni MA)

- 13:00 – 13:50 **Sebastian Siegloch (ZEW/Uni MA)**, “Profit Taxation, R&D Spending, and Innovation”  
Discussant: **Bettina Peters (ZEW)**
- 13:50 – 14:40 **Laura Grigolon (Uni MA)**, “Shareholders Communication and Loan Pricing: Evidence from Syndicated Lending”  
Discussant: **Robert Arons (ZEW-to-be)**

Annual Conference of the  
**MaCCI Mannheim Centre for Competition and Innovation**  
5<sup>th</sup> to 6<sup>th</sup> March 2020

**Thursday, 5 March 2020**

12:00 – 12:45	<b>Arrival and Registration</b> <i>Finger Food, Coffee and Drinks</i>
12:45 – 13:00	<b>Welcome</b> <b>Martin Peitz</b> (University of Mannheim & MaCCI & ZEW)
13:00 – 14:30	<b>Parallel Sessions I</b>
14:30 – 15:00	<i>Coffee Break</i>
15:00 – 16:30	<b>Parallel Sessions II</b>
16:30 – 17:00	<i>Coffee Break</i>
17:00 – 18:00	<b>Keynote I : “What the Tech!?” by Tommaso Valletti (Imperial College London) &amp; Mannheim Competition Policy Forum</b>
19:00	<b>Conference Dinner</b> <b>Invitation by the MaCCI Association</b> ( <i>Please note that the dinner participation is limited to guests who registered in advance, presenters and discussants.</i> )

**Friday, 6 March 2020**

9:00 – 10:00	<b>Keynote II: “A Militant Agenda for Antitrust &amp; Regulation in Digital: What Rules (and Economics) do we need?” by Cristina Caffarra (Charles River Association)</b>
10:00 – 10:30	<i>Coffee Break</i>
10:30 – 12:00	<b>Panel Discussion on “Competition Policy for Digital Platforms”</b> <b>Chair: William E. Kovacic</b> (George Washington University) <b>Cristina Caffarra</b> (Charles River Association) <b>Alexandre de Stree</b> (University of Namur) <b>Fiona M. Scott Morton</b> (Yale University) <b>Achim Wambach</b> (ZEW Mannheim)
12:00 – 13:45	<i>Lunch Break</i>
13:45 – 15:15	<b>Parallel Sessions III</b>
15:15 – 15:45	<i>Coffee Break</i>
15:45 – 17:15	<b>Parallel Sessions IV</b>
17:15	<i>Farewell</i>

Parallel Session I

	Room Brussels	Room 1	Room 2	Media Room
13:00-14:30	(A) Consumer Search: Theory  <i>Chair: Anton Sobolev (University of Mannheim &amp; MaCCI)</i>	(B) Platforms  <i>Chair: Martin Peitz (University of Mannheim &amp; MaCCI &amp; ZEW)</i>	(C) Merger Analysis  <i>Chair: Helena Perrone (University of Mannheim &amp; MaCCI)</i>	(D) Competition Law  <i>Chair: Friedemann Kainer (University of Mannheim &amp; MaCCI)</i>
	Makoto HANAZONO (Nagoya University) & Noritaka Kudoh  <b>Market structure and price dispersion: Asymmetric oligopoly with sequential consumer search</b>  Discussant: José Moraga-González	Gustavo SARAIVA (Pontificia Universidad Católica de Chile)  <b>On incentives to manipulate online ratings</b>  Discussant: Johannes Johnen	Pauline AFFELDT (German Institute for Economic Research (DIW Berlin))  <b>EU merger policy predictability using random forests</b>  Discussant: Catherine Roux	Melissa DOWSE (University of Siegen)  <b>Competitive restraints in digital platform competition through the lens of the current authority practice in abuse control</b>  Discussant: Alexandre De Streel
	Armin SCHMUTZLER (University of Zurich) & Stefanie Bossard  <b>Managing preferences: A multiproduct firm's choice of products and consumer perceptions</b>  Discussant: Makoto Hanazono	Johannes JOHNNEN (UCLouvain) & Robert Somogyi  <b>Deceptive products on platforms</b>	Saish NEVREKAR (Universidad Carlos III de Madrid)  <b>Patents as prediction market: Estimates of patent renewal as a measure of environmental regulation credibility</b>  Discussant: Pauline Affeldt	Alexandre DE STREEL (University of Namur) & Peter Alexiadis  <b>Designing an EU intervention standard for digital gatekeepers</b>  Discussant: Friedemann Kainer
	José MORAGA-GONZÁLEZ (Vrije Universiteit Amsterdam) & Zsolt Sándor & Matthijs R. Wildenbeest  <b>Simultaneous search for differentiated products</b>  Discussant: Armin Schmutzler		Catherine ROUX (University of Basel) & Donja Darai & Frédéric Schneider  <b>Mergers, mavericks, and tacit collusion</b>  Discussant: Saish Nevrekar	

### Parallel Session II

	Room Brussels	Room 1	Room 2	Media Room
15:00-16:30	(A) Pricing I <i>Chair: Laura Grigolon (University of Mannheim &amp; MaCCI)</i>	(B) Competition and Regulation <i>Chair: Leonardo Giuffrida (ZEW Mannheim &amp; MaCCI)</i>	(C) Consumer Information <i>Chair: Sarah Auster (University of Mannheim)</i>	(D) Competition Law, Consumer Protection Law and IP <i>Chair: Ralf Müller-Terpitz (University of Mannheim &amp; MaCCI)</i>
	Or AVISAY-RIZI (Ben Gurion University) & Itai Ater & Oren Rigbi  <b>Can basket price comparison decrease prices? Evidence from the Israeli food-sector</b>  Discussant: Adriano De Leverano	Tore NILSSEN (University of Oslo) & Bjørn Olav Johansen  <b>Merger remedies, incomplete information, and commitment</b>  Discussant: Massimo Motta	Schneider, Johannes (Carlos III de Madrid) & Christoph Wolf  <b>Switching forth and back: Problem solving under time pressure</b>  Discussant: Heiko Karle	Xiaoren WANG (University of Illinois)  <b>Trade dress protection testing assumptions</b>  Discussant: Thomas Tombal
	Adriano DE LEVERANO (ZEW Mannheim) & Robert Clark & Decio Coviello  <b>Hospital purchasing with reference pricing: Evidence from an anti-corruption program in Italy</b>  Discussant: Katrin Buchali	Sebastian SCHULER (Goethe University Frankfurt)  <b>Regulating Commissions in the presence of price competition</b>	Heiko KARLE (Frankfurt School of Finance and Management) & Heiner Schumacher  <b>Consumer search and the uncertainty effect</b>  Discussant: Daniel Savelle	Thomas TOMBAL (University of Namur) & Alexandre de Streel  <b>The fifty shades of data sharing and the law</b>  Discussant: Giuseppe Colangelo
Katrin BUCHALI (University of Hohenheim)  <b>Price discrimination with inequity averse consumers: A reinforcement learning approach</b>  Discussant: Or Avisay-Rizi	Johannes PAHA (Justus-Liebig-University Giessen) &  <b>Competition and collusion in list prices</b>  Discussant: Sebastian Schuler		Giuseppe COLANGELO (University of Basilicata)  <b>Competing through keyword advertising</b>  Discussant: Xiaoren Wang	

Parallel Session III

	Room Brussels	Room 1	Room 2	Media Room
13:45-15:15	(A) Killer Acquisitions  <i>Chair: Michelle Sovinsky (University of Mannheim &amp; MaCCI)</i>	(B) Pricing II  <i>Chair: Bettina Peters (ZEW Mannheim &amp; MaCCI)</i>	(C) Consumer Search: Empirical  <i>Chair: Daniel Savelle (University of Mannheim &amp; MaCCI)</i>	
	Massimo MOTTA (Universitat Pompeu Fabra) & Sandro Shelegia  <b>"Kill zone"? Copying and refusal of interoperability to exclude potential competitors</b>  Discussant: Igor Letina	Gianluca ANTONECCHIA (Erasmus School of Economics) & Ajay Bhaskarabhatla  <b>Cookie-cutter competition? Non-price strategies of multiproduct firms under uniform pricing</b>  Discussant: Matthias Muijs	Simon MARTIN (DICE Berlin)  <b>Market transparency and consumer search - Evidence from the German retail gasoline market</b>  Discussant: Christoph Wolf	
	Massimo MOTTA (Universitat Pompeu Fabra) & Chiara Fumagalli, Emanuele Tarantino  <b>Shelving or developing? Acquisition of potential competitors</b>	Matthias MUIJS (University of Hohenheim) & Melissa Bantle  <b>A new price test in geographic market definition – An application to German retail gasoline market</b>	Jurre THIEL (Copenhagen Business School)  <b>Competition and dynamic pricing in markets with consumer switching costs</b>  Discussant: Simon Martin	
	Igor LETINA (University of Bern) & Armin Schmutzler & Regina Seibel  <b>Killer acquisitions and the incentive to innovate</b>  Discussant: Konrad Stahl		Christoph WOLF (Bocconi University) & Johannes Schneider  <b>"A quest for truth: Publishing and scientific legacy"</b>  Discussant: Jurre Thiel	

Parallel Session IV

	Room Brussels	Room 1	Room 2	Media Room
15:45- 17:15	(A) Vertical Relationships  <i>Chair: Nicolas Schutz (University of Mannheim &amp; MaCCI)</i>	(B) Competition/Collusion  <i>Chair: Eleftheria Triviza (University of Mannheim &amp; MaCCI)</i>	(C) Patents/Innovation  <i>Chair: Bernhard Ganglmair (ZEW Mannheim &amp; MaCCI)</i>	
	Michäel RUBENS (KU Leuven)  <b>Ownership consolidation, monopsony power and efficiency: Evidence from the Chinese tobacco industry</b>  Discussant: Florian Schütt	Konrad STAHL (University of Mannheim) & Giacomo Calzolari & Leonardo Felli & Johannes Koenen & Giancarlo Spagnolo  <b>Trust, investment and competition</b>  Discussant: Tore Nilssen	Ekaterina KHMELNITSKAYA (University of Virginia)  <b>Competition and innovation in the pharmaceutical industry: Understanding attrition in drug development</b>  Discussant: Albert Roger	
	Rune STENBACKA (Helsinki Graduate School of Economics) & Geert Van Moer  <b>Overlapping partial ownership and product innovation</b>  Discussant: Michäel Rubens	Jan SVITÁK (Tilburg School of Economics and Management) & Rob van der Noll  <b>Mechanisms of algorithmic collusion</b>  Discussant: Emanuel Holler	Albert ROGER (ZEW Mannheim)  <b>Patents as prediction market: patent renewal as a measure of environmental regulation credibility</b>  Discussant: Dennis Byrski	
	Florian SCHÜTT (Tilburg University) & Jan Boone & Emanuele Tarantino  <b>Vertical contracting with price caps</b>  Discussant: Rune Stenbacka	Emanuel HOLLER (WHU - Otto Beisheim School of Management) & Dennis Rickert  <b>Upstream collusion and resale price maintenance: An anatomy of the German coffee cartel</b>	Dennis BYRSKI (Ludwig-Maximilians-University Munich)  <b>Patents, products and cumulative innovation: Evidence from the pharmaceutical industry</b>  Discussant: Ekaterina Khmelnitskaya	