

# 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, L7, 1, 68161 Mannheim

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PROGRAMME

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Monday, May 15, 2017

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08:30	Arrival and Registration
09:00	Welcome Address <i>Georg Licht, ZEW &amp; MaCCI Mannheim, DE</i>
09:15 Room Brussels	PLENARY SESSION A <i>Chair: Georg Licht, ZEW &amp; MaCCI Mannheim, DE</i>
	<b>Are "Patent Boxes" a Good Way to Encourage Innovation?</b> <i>Bronwyn H. Hall, University of Berkeley and NBER, US</i>
	<b>All Patents Great and Small - A Big Data Network Approach to Valuation</b> <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 Room Brussels	PLENARY SPEED PAPER DATING (Part A: Presentation) <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 <a href="https://www.kellerskeller.de/%C3%BCber-uns/">https://www.kellerskeller.de/%C3%BCber-uns/</a>

Keller's Keller, Obergasse 10, 67152 Ruppertsberg

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PROGRAME

Tuesday, May 16, 2017

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>
	<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>
	<i>Francesco Lissoni, University of Bordeaux, FR</i>
16:20	Concluding Remark
	<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**  
Gaétan 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**  
Gaétan 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 Hünermund** (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
<b>Session I A: Orientation of Scientific Research</b> Chair: Maikel Pellens (ZEW Mannheim, DE)	<b>Session I B: Competition and Innovation</b> Chair: Kornelius Kraft (TU Dortmund, DE)	<b>Session I C: Market for Technology</b> Chair: Bettina Peters (ZEW Mannheim, DE)
<p><b>Funding Portfolio for Academic Research and its Impact on Scientists' Research Orientation</b>  <b>Stefano Bianchini</b> (BETA, University of Strasbourg, FR) and <b>Patrick Llerena</b> (BETA, University of Strasbourg, FR)</p> <p>Discussant: <b>Matthias Geissler</b> (Technical University Dresden, DE)</p>	<p><b>How Antitrust Enforcement Can Spur Innovation: Bell Labs and the 1956 Consent Decree</b>  <b>Martin Watzinger</b> (LMU Munich, DE), Thomas A. Fackler (LMU Munich, DE), Markus Nagler (LMU Munich, DE) and Monika Schnitzer (LMU Munich, DE)</p> <p>Discussant: <b>Paul Hünermund</b> (ZEW Mannheim, DE)</p>	<p><b>Firm Matching in the Market for Technology</b>  <b>Pere Arqué-Castells</b> (Northwestern University, US) and <b>Daniel F. Spulber</b> (Northwestern University, US)</p> <p>Discussant: <b>Philipp Boeing</b> (ZEW Mannheim, DE)</p>
<p><b>Commercialization of Academic Research: Implications for Individual's Scientific Productivity and Research Agenda Composition</b>  <b>Florence Blandinieres</b> (ZEW Mannheim, DE) and Maikel Pellens (ZEW Mannheim, DE)</p> <p>Discussant: <b>Cornelia Lawson</b> (University of Bath, UK)</p>	<p><b>Escaping Competition and Competency Traps: Identifying How Innovative Search Strategy Enables Market Entry</b>  <b>Benjamin Balsmeier</b> (ETH Zurich, CH), Gustavo Manso (University of California at Berkeley, US) and Lee Fleming (University of California at Berkeley, US)</p> <p>Discussant: <b>Christoph Grimpe</b> (Copenhagen Business School, DK)</p>	<p><b>Shooting Ourselves in the Foot to Kill a Fly? Patent Enforcement and Market for Technology</b>  <b>Pooyan Khashabi</b> (LMU Munich, DE) and Senem Aydin (Northeastern University, US)</p> <p>Discussant: <b>Stefan Wagner</b> (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>Session II A: Knowledge Production</b> Chair: Karin Hoisl (Mannheim University, DE)	<b>Session II B: Tax Incentives and R&amp;D Subsidies</b> Chair: Oliver Koppel (Cologne Institute of Economic Research, DE)	<b>Session II C: Impact of Patent Protection</b> Chair: Jacques Mairesse (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>  <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>Do Tax Incentives for Research Increase Firm Innovation? An RD Design for R&amp;D</b>  <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>Patents, Data Exclusivity, and Clinical Trial Outcomes</b>  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>Nobel Prizes in Economics and Post-Award Attention: Who Cares About What?</b>  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>Spillover from the Haven: Cross-border Externalities of Patent Box Regimes within Multinational Firms</b>  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>Patent Duration, Breadth and Costly Imitation: Evidence from the US Pharmaceutical Market</b>  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>Stars and Brokers: Knowledge Spillovers among Medical Scientists</b>  <b>Myra Mohnen</b> (University of Essex, UK)</p> <p>Discussant: <b>Katrin Hussinger</b> (University of Luxembourg, LU)</p>	<p><b>How Persistent is the Firms' Participation in R&amp;D Subsidy and Tax Credit Programs?</b>  <b>Marina Rybalka</b> (Statistics Norway, NO)</p> <p>Discussant: <b>María García-Vega</b> (University of Nottingham, UK)</p>	<p><b>The Impact of International Patent Systems: Evidence from Accession to the European Patent Convention</b>  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> <b>Chair: Mark J. McCabe</b> (SKEMA Business School, Sophia Antipolis, FR)	<b>Session III B: Crisis and Innovation</b> <b>Chair: Matthias Geissler</b> (Technical University Dresden, DE)	<b>Session III C: Implications of Patent Systems</b> <b>Chair: Bronwyn H. Hall</b> (University of Berkeley, US)	
<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> <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)  Discussant: <b>Egle Vaznyte</b> (University of Ghent, BE)	<b>The Impact of the Financial Crisis on Financing of Innovations</b> Marek Giebel (TU Dortmund, DE) and <b>Kornelius Kraft</b> (TU Dortmund, DE)  Discussant: <b>Marek Dietl</b> (Warsaw School of Economics, PL)	<b>Patents and Cumulative Innovation - Evidence from Post-Grant Patent Oppositions</b> 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)  Discussant: <b>Maikel Pellens</b> (ZEW Mannheim, DE)	
<b>Multinationals and the Globalization of R&amp;D</b> <b>María García-Vega</b> (University of Nottingham, UK), Patricia Hofmann (University of Hohenheim, DE) and Richard Kneller (University of Nottingham, UK)  Discussant: <b>Martin Hud</b> (ZEW Mannheim, DE)	<b>Access to Finance as a Pressing Problem: Evidence from Innovative European Firms</b> <b>Anabela Santos</b> (Université Libre de Bruxelles, BE) and Michele Cincera (Université Libre de Bruxelles, BE)  Discussant: <b>Marius Berger</b> (ZEW Mannheim, DE)	<b>The Effect of Fee Shifting on Litigation: Evidence from a Court Reform in the UK</b> <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)  Discussant: <b>Emanuele Tarantino</b> (University of Mannheim, DE)	
<b>Diversity of Top Management Teams and the Effectiveness of Global R&amp;D: Executive Nationality and International Work Experience</b> 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)  Discussant: <b>Karin Hoisl</b> (Mannheim University, DE)	<b>From Innovation to Exporting in Times of Crisis</b> <b>Mattia Di Ubaldo</b> (The Economic and Social Research Institute, Dublin, IE)  Discussant: <b>Kornelius Kraft</b> (TU Dortmund, DE)	<b>Mixing to Imitate: On the Need for Intellectual Property Rights</b> <b>Klaus Kultti</b> (University of Helsinki, FI) and Tuomas Takalo (Hanken School of Economics, FI)  Discussant: <b>Alexandra Zaby</b> (University of Tübingen, DE)	

18:30 End of First Day

19:00 Bus to Conference Dinner

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> Chair: Elisabeth Mueller (German Graduate School of Management and Law, DE)	<b>Session IV B: Knowledge Spillovers and Knowledge Diffusion</b> Chair: Pierre Azoulay (MIT Sloan School of Management, US)	<b>Session IV C: Learning and Innovation</b> Chair: Georg Licht (ZEW Mannheim, DE)	<b>Session IV D: Intangible Assets</b> Chair: Andrew Torrance (University of Kansas School of Law, US)		
<b>Social Ties for Labor Market Access – Lessons from the Migration of East German Inventors</b>  Karin Hoisl (Mannheim University, DE), Matthias Dorner (MPI, Munich, DE), Dietmar Harhoff (MPI, Munich, DE), Tina Hinz (FAU Nürnberg, DE) and Stefan Bender (RDSC Frankfurt, DE)  Discussant: <b>Mark J. McCabe</b> (SKEMA Business School, Sophia Antipolis, FR)	<b>Colocation and Knowledge Diffusion: Evidence from Million Dollar Plants</b>  Christian Fons-Rosen (Universitat Pompeu Fabra, ES), Vincenzo Scrutinio (London School of Economics, UK) and Katalin Szemerédi (London School of Economics, UK)  Discussant: <b>Olof Ejermo</b> (Lund University, SE)	<b>Consumer Preferences for Product Updates Under Digitization: A Model of Demand for Smartphone Applications</b>  Benjamin T. Leyden (University of Virginia, US)  Discussant: <b>Antoine Dechezleprêtre</b> (London School of Economics, UK)	<b>The Dynamic Relationship between Investments in Brand Equity and Firm Profitability: Evidence using Trademark Registrations</b>  Dirk Crass (ZEW Mannheim, DE), Dirk Czarnitzki (KU Leuven, BE), <b>Andrew A. Toole</b> (United States Patent and Trademark Office, US)  Discussant: <b>Klaus Kultti</b> (University of Helsinki, FI)		
<b>Highly Skilled Migrant Networks and the Internationalization of Knowledge</b>  Claudia Noumedem Temgoua (Université de Bordeaux, FR)  Discussant: <b>Elisabeth Mueller</b> (German Graduate School of Management and Law, DE)	<b>The Lives of the Others: Knowledge Spillovers from Subsidized R&amp;D and the Productivity of Non-Subsidized Firms</b>  Hanna Hottenrott (TUM School of Management, Munich, DE) and Cindy Lopes-Bento (Maastricht University, NL)  Discussant: <b>Areti Gkypali</b> (University of Warwick, UK)	<b>Learning When to Quit</b>  Bernhard Ganglmaier (University of Texas, US), Timothy Simcoe (Boston University, US) and <b>Emanuele Tarantino</b> (University of Mannheim, DE)  Discussant: <b>Mark J. Roberts</b> (Penn State University, State College, US)	<b>Patents and Standards as Knowledge Sources for Innovation</b>  Knut Blind (TU Berlin, DE) and <b>Jakob Pohlisch</b> (TU Berlin, DE)  Discussant: <b>Fabian Gaessler</b> (MPI for Innovation and Competition, Munich, DE)		
<b>Do Immigrants Return Knowledge Home? The Evidence on Knowledge Dissemination via Wikipedia</b>  Olga Slivko (ZEW Mannheim, DE)  Discussant: <b>Claudia Noumedem Temgoua</b> (Université de Bordeaux, FR)	<b>Patenting Activity in the Solar Industry</b>  Hans Lööf (KTH, Stockholm, SE) and Luis Pérez (KTH, Stockholm, SE)  Discussant: <b>Matthias Mertens</b> (IWH, Halle, DE)	<b>Buyer Competence and Innovation Procurement</b>  Francesco Decarolis (Boston University, US), Gaétan 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)  Discussant: <b>Benjamin Balsmeier</b> (ETH Zurich, CH)	<b>Radical Technological Change and the Involvement of Incumbents in Research Grant Competitions</b>  Anders Ørding Olsen (Copenhagen Business School, DK), Wolfgang Sofka (Copenhagen Business School, DK) and <b>Christoph Grimpe</b> (Copenhagen Business School, DK)  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		
<b>Session V A: Productivity of scientists</b> Chair: <b>Cornelia Lawson</b> (University of Bath, UK)	<b>Session V B: R&amp;D Collaborations</b> Chair: <b>Francesco Lissoni</b> (University of Bordeaux, FR)	<b>Session V C: Drivers of Productivity</b> Chair: <b>Mark Roberts</b> (Pennsylvania State University, US)	<b>Session V D: Patent Pending</b> Chair: <b>Andrew A. Toole</b> (United States Patent and Trademark Office, US)		
<b>University Invention and the Abolishment of the Professor's Privilege in Finland</b> <b>Olof Ejermo</b> (Lund University, SE) and Hannes Toivanen (VTT Technical Research Centre of Finland, FI)  Discussant: <b>Dirk Czarnitzki</b> (KU Leuven, BE)	<b>Absorbing Partner Knowledge in R&amp;D Collaborations –The Influence of Founders on Knowledge Recognition, Assimilation, and Exploitation</b> 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)  Discussant: <b>Jakob Pohlisch</b> (TU Berlin, DE)	<b>The Dynamic Impact of R&amp;D Investment on Productivity and Export Demand in Swedish Manufacturing</b> 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)  Discussant : <b>Pere Arqué-Castells</b> (Northwestern University, US)	<b>Pendency and Thickets</b> <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)  Discussant: <b>Tanja Saxell</b> (VATT, FI)		
<b>The Effects of Intellectual Property Rights on Publications of University Scientists</b> <b>Laurent Bergé</b> (University of Luxembourg, LU), Thorsten Doherr (ZEW, Mannheim, DE) and Katrin Hussinger (University of Luxembourg, LU)  Discussant: <b>Stefano Bianchini</b> (BETA, University of Strasbourg, FR)	<b>Does Learning from Prior Collaboration Help Firms to Overcome the 'Two Worlds' Paradox in University-Business Collaboration?</b> Nola Hewitt-Dundas (Queen's University Belfast, IE), <b>Areti Gkypali</b> (University of Warwick, UK) and Stephen Roper (University of Warwick, UK)  Discussant: <b>Yuya Ikeda</b> (NISTEP, Tokyo, JP)	<b>Import Competition and Multi Product Firms' Productivity</b> Richard Bräuer (IWH, Halle, DE), <b>Matthias Mertens</b> (IWH, Halle, DE) and Viktor Slavtchev (IWH, Halle, DE)  Discussant: <b>Van Anh Vuong</b> (University of Cologne, DE)	<b>Limited Patent Disclosure</b> Diana Heger (IHS Economics, Frankfurt, DE) and <b>Alexandra Zaby</b> (University of Tübingen, DE)  Discussant: <b>Leonardo Giuffrida</b> (University of Rome Tor Vergata, IT)		
<b>What's behind Multiple Institutional Affiliations in Economics and Management Research?</b> Hanna Hottenrott (TUM School of Management, Munich) and <b>Cornelia Lawson</b> (University of Bath, UK)  Discussant: <b>Simona Wagner</b> (ZEW Mannheim, DE)	<b>The Contribution of Academic Expertise in Corporate Technology Development: When Do Firms Benefit?</b> <b>Hanne Peeters</b> (KU Leuven, BE) and Bart Van Looy (KU Leuven, BE)  Discussant: <b>Hans Lööf</b> (KTH, Stockholm, SE)	<b>Assessing Measurement Errors in the CDM Research-Innovation-Productivity Relationships</b> <b>Jacques Mairesse</b> (CREST-ENSAE, Paris, FR) and Stéphane Robin (University of Paris 1 Pantheon-Sorbonne, FR)  Discussant: <b>Bettina Peters</b> (ZEW Mannheim, DE)	<b>Reducing Patent Pending: Has the Patent Prosecution Highway been Effective?</b> <b>Vanessa Behrens</b> (ZEW Mannheim, DE), Dirk Czarnitzki (KU Leuven) and Andrew Toole (United States Patent and Trademark Office, US)  Discussant: <b>Stefan Sorg</b> (MPI for Innovation and Competition, Munich, DE)		

15:00 – 15:20 Coffee Break