

THURSDAY 21 MAY 2009

8.00-9.30 **Welcome**

**Opening Address: The Jena Innovation System**

Guido Buenstorf (Max Planck Institute of Economics)  
Uwe Cantner (Friedrich Schiller University Jena)

10.00-11.30 **Parallel 1**

**1A Industry Dynamics: Models and Evidence - Room Schott**

CHAIR: Toke Reichstein (Copenhagen Business School)  
DISCUSSANT: Serguey Braguinsky (Carnegie Mellon University)  
Esra Durceylan, Pennsylvania State University  
Blandina Oliveira, Instituto Politecnico de Leiria, and Adelino Fortunato, Universidade de Coimbra  
Karl Wennberg, Imperial College London, and Frédéric Delmar, EM Lyon

Managerial Effort, Agency, and Industrial Evolution  
R&D and Firm Dynamics  
Entrepreneurial Learning and the Growth of New Firms

**1B Labor Mobility - Room Abbe**

CHAIR: Bram Timmermans (University of Aalborg)  
DISCUSSANT NN  
Ron Boschma, Utrecht University, Rikard Eriksson and U. Lindgren, Umea University  
Ljubica Nedelkoska, Friedrich Schiller University Jena  
Ljubica Nedelkoska and Florian Noseleit, Friedrich Schiller University Jena

Related Variety and Regional Growth. The Impact of Labour Mobility on Regional Performance  
Employee Dynamics, Employee Skill-profiles and Innovation  
Industry Dynamics and Highly Qualified Labor Mobility

**1C Consumer Learning - Room Zeiss**

CHAIR: Jason Potts (Queensland University of Technology)  
DISCUSSANT: Gisela Kubon-Gilke (EFH Darmstadt)  
Christian Cordes, Max Planck Institute of Economics Jena  
Kevin Maréchal, Free University of Brussels  
André Lorentz and Julia Sophie Wörsdorfer, Max Planck Institute of Economics Jena

Choosing Your Role Models: Social Learning and the Engel Curve  
Not Irrational but Habitual: The Importance of "Behavioural Lock-in" in Energy Consumption  
Energy-Efficient Household Appliances and Consumer Learning: An Application to Washing Machines

**1D DIME Special Session 1: Production, Product Design and Organization - Room Dixel**

CHAIR: Luigi Marengo (Sant'Anna School of Advanced Studies, Pisa)  
DISCUSSANT: Patrick Llerena (Université de Strasbourg)  
Cinzia Daraio, University of Bologna  
Tommaso Ciarli, Max Planck Institute of Economics, Riccardo Leoncini and Sandro Montresor, University of Bologna, and Marco Valente, University L'Aquila  
Federico Sallusti, University of Roma Tre, University of Toulouse 1

A General Framework for the Consolidation of Productivity Stylized Facts  
Product Architecture and the Organisation of Industry. The Role of Firm Competitive Behavior  
Heterogeneity and Specificity of Knowledge: A Model of Governance Choice

11.30-12.00 **Coffee Break**

12.00-13.30 **Parallel 2**

**2A University-Industry Collaboration - Room Zeiss**

CHAIR: Arianna Martinelli (Friedrich Schiller University Jena)  
DISCUSSANT: Matthias-Wolfgang Stötzer (Jena University of Applied Sciences)  
Giorgio Triulzi, University of Bremen and Bocconi University, Ramon Scholz and Andreas Pyka, University of Bremen  
Valentina Tartari, Imperial Collage Business School London  
Ramón Núñez-Sánchez, Universidad de Cantabria, Andrés Barge-Gil, Universidad Complutense de Madrid, and Aurelia Modrego, Universidad Carlos III de Madrid

R&D and Knowledge Dynamics in University-Industry Relationships in Biotech and Pharmaceutical: An Agent-Based Model  
Set them Free: Scientists' Perceptions of Benefits and Costs of University-industry Research Collaboration  
Performance of Knowledge Interactions between Public Research Centres and Industrial Firms: An Application for Spanish Public Research Centres Based on Project-level Data

## 2B Clusters and Services - Room Abbe

CHAIR: Marco Guerzoni (Friedrich Schiller University Jena)  
DISCUSSANT: Paul Windrum (Manchester Metropolitan University)  
Nicoletta Corrocher and Lucia Cusmano, KITeS-CESPRI, Bocconi University  
Barbara Heebels and Ron Boschma, Utrecht University  
Anja Dettmann and Thomas Brenner, Philipps University Marburg

The "KIBS Engine" of Regional Innovation Systems: Empirical Evidence from European Regions  
The Evolution of Dutch Book Publishing Clusters: The Effect of Location on Publishers' Survival Cances  
Cluster Mechanisms in the Frankfurt Book Publishing Industry

## 2C Behavior and Innovation - Room Schott

CHAIR: Werner Hözl (WIFO Austrian Institute of Economic Research, Vienna)  
DISCUSSANT: Oliver Kirchkamp (Friedrich Schiller University Jena)  
Kate Morrison, Imperial College London and University of Queensland, and Jason Potts, Queensland University of Technology  
Saradindu Bhaduri and Hemant Kumar, J. Nehru University, New Delhi  
Oliver Falck and Elke Luedemann, Ifo Institute for Economic Research Munich, and Stephan Heblich, Max Planck Institute of Economics Jena

Towards Behavioural Innovation Economics - Heuristics and Biases in Choice under Novelty  
Tracing the Motivation to Innovate: A Study of 'Grassroot' Innovators in India  
Identity and Entrepreneurship

## 2D DIME Special Session 2: Complex System Models - Room Dexel

CHAIR: Tommaso Ciarli (Max Planck Institute of Economics)  
DISCUSSANT: Luigi Marengo (Sant'Anna School of Advanced Studies, Pisa)  
Koen Frenken, Utrecht University, Stefan Mendritzki, Calgary University, and Andreas Reinstaller, WIFO Vienna  
Sylvie Geisendorf, University of Kassel  
Thomas Grebel, Friedrich Schiller University Jena

Modularity in Complex Systems: A Static and Dynamic Approach using a Generalised NK model  
Searching NK Fitness Landscapes: On the Trade Off between Speed and Quality in Complex Problem Solving  
Percolation, Knowledge Diffusion and Network Evolution

13.30-14.00 Lunch

14.00-15.30 **Parallel 3**

## 3A Diversification and Product Differentiation - Room Abbe

CHAIR: Paul Windrum (Manchester Metropolitan University)  
DISCUSSANT: Marco Valente (University of L'Aquila)  
Nicoletta Corrocher, KITeS-CESPRI, Bocconi University, and Marco Guerzoni, Friedrich Schiller University Jena  
Frank Neffke, Utrecht University, and Martin Svensson Henning, Lund University  
Tatiana Plotnikova, Friedrich Schiller University Jena

The Pursuit of Variety: Creation of New Products and Strategic Differentiation  
Skill-relatedness and Firm Diversification  
Technology, Competition and Time of Entry: Product Diversification Patterns in the Development of New Drugs

## 3B Social Capital in Entrepreneurship - Room Schott

CHAIR: Michael Dahl (DRUID University of Aalborg)  
DISCUSSANT: Ron Boschma (Utrecht University)  
Cristina de Sousa and Margarida Fontes, INETI and Dinamia, Lisbon  
Uwe Cantner and Michael Stützer, Friedrich Schiller University Jena

The Contribution of Social Networks to Resource Mobilisation and its Dynamics along the Entrepreneurial Process  
The Use of Social Capital by Solo-Entrepreneurs and Entrepreneurial Teams in the Venture Creation Process and its Effects on New Venture Performance  
Occupational Choice and Social Contacts Across Regions

Stefan Bauernschuster, Friedrich Schiller University Jena, Oliver Falck, Ifo Institute Munich, and Stephan Heblich, Max Planck Institute of Economics

## 3C Behavior of Consumers and Organizations - Room Zeiss

CHAIR: Alessio Moneta (Max Planck Institute of Economics)  
DISCUSSANT: Ulrich Witt (Max Planck Institute of Economics)  
Mariangela Guidolin, University of Venice  
Frank J. van Rijnsoever, Utrecht University  
Zakaria Babutsidze, UNU-MERIT, Maastricht University

Modelling Consumption Systems in Evolutionary Economics and Quantitative Marketing: A Proposal of Integration  
The Role of Knowledge in Consumer and Organizational Search: Towards a Broader Theory  
Learning How to Consume and Returns to Product Promotion

**3D Innovation, Evolution and Sustainability - Room Dixel**

CHAIR: Marc Dijk (Maastricht University)

DISCUSSANT: Arianna Martinelli (Friedrich Schiller University Jena)

Marcus Wagner, University of Munich, and Patrick Llerena, University of Strasbourg

Eric Brouillat, Bordeaux IV University

Oliver Som and Eva Kirner, Fraunhofer ISI, Karlsruhe

Drivers for Sustainability-related Innovation in an Evolutionary Perspective: A Qualitative Analysis of Renewable Resources, Industrial Products and Travel Services

Environmental innovation strategy and regulatory pressure: Modeling the impact of the recycling fee on industrial dynamics

Innovation Patterns of Non-R&D Intensive Manufacturing Firms. An Evolutionary Approach to Heterogeneity in Innovation Behaviour

**15.30-16.00 Coffee Break**

**16.00-18.00 Plenary 1: Behavioral and Evolutionary Economics**

(Chair: Ulrich Witt)

Werner Güth (Max Planck Institute of Economics)

Herbert Dawid (University of Bielefeld)

(Non-) Behavioral Economics

Capturing Firm Behavior in Agent-Based Models: Wilderness of Bounded Rationality?

**18.00-19.30 Parallel 4**

**4A Networks and Innovation Diffusion - Room Abbe**

Chair: Nicoletta Corrocher (KITeS-CESPRI, Bocconi University)

DISCUSSANT: Holger Graf (Friedrich Schiller University Jena)

Tom Broekel and Ron Boschma, Utrecht University

Riccardo Leoncini, University of Bologna, Francesco Rentocchini and Giuseppe Vittucci Marzetti, University of Trento

Anne ter Wal, Imperial College London

Fokker's Impact on Knowledge Networks in the Dutch Aero Space Industry

Network Structures and Externalities in Innovation Diffusion

Co-evolution of Clusters and Networks in German Biotechnology, 1965-1995

**4B Academic Entrepreneurship - Room Schott**

CHAIR: Roberto Fontana (KITeS-CESPRI, Bocconi University)

DISCUSSANT: Toke Reichstein (Copenhagen Business School)

Maximilian Göthner, Martin Obschonka, Rainer K. Silbereisen and Uwe Cantner, Friedrich Schiller University Jena

Thomas Brenner and Sidonia von Ledebur, Philipps University Marburg

Devrim Göktepe-Hulten and Viktor Slatchev, Max Planck Institute of Economics

Approaching the Agora - Determinants of Scientists' Intention to Pursue Academic Entrepreneurship

Academic Inventor's Choice of Transfer Channels Dependent on Commercialisation Experience

Innovation Speed and Initial Endowment of Academic Spin-offs

**4C Novelty, Welfare and Happiness - Room Dixel**

CHAIR: Kate Morrison (Imperial College London and University of Queensland)

DISCUSSANT: NN

Martin Binder and Alex Coad, Max Planck Institute of Economics Jena

Leonidas Enrique de la Rosa, University of Aarhus

Christian Schubert, Max Planck Institute of Economics Jena

Exploring the Dynamics of Happiness Using Vector Autoregressions

Decision Making and Revealed Preference

How to Evaluate Novelty? Towards a Normative Framework for Evolutionary Policy Implications

**4D Structural Change - Room Zeiss**

CHAIR: André Lorentz (Max Planck Institute of Economics)

DISCUSSANT: Maria Savona (University of Sussex)

Uwe Blien and Oliver Ludewig, Institute for Employment Research IAB, Nürnberg

Andreas Dietrich, Friedrich Schiller University Jena

Christian Groß, Max Planck Institute of Economics Jena

Processes of Structural Change and Unemployment

Does Growth Cause Structural Change, or Is it the Other Way Round? A Dynamic Panel Data Analysis for Seven OECD Countries

Does Energy Fuel Structural Change?

8.30-10.30 **Parallel 5****5A Innovation and Competition - Room Schott**

CHAIR: Thomas Grebel (Friedrich Schiller University Jena)

DISCUSSANT: Andreas Pyka (University of Bremen)

Roberto Fontana, CESPRI Bocconi University, Alessandro Nuvolari, Eindhoven University, and Hiroshi Shimizu, Hitotsubashi University Tokyo

Tommy H. Clausen, Centre for Technology, Innovation and Culture, Oslo, Mikko Pohjola Turku School of Economics, and Koson Sapprasert, Nordland Research Institute

Elena Cefis, University of Bergamo and Utrecht University, and Mihaela-Livia Ghita, University of Antwerp

Tino Schütte, University of Technology Dresden

The Sources of Invention, 1963-2006. Evidence from a Data-set of R&amp;D Awards

Do Firms Innovate Persistently? The Case of Product and Process Innovation

Post Merger Innovative Patterns in Small and Medium Firms

Exploration vs. Exploitation - a Simulation Study of the Pharmaceutical Industry

**5B Entrepreneurship, Agglomeration and Innovation - Room Abbe**

CHAIR: Andreas Meder (Thuringia Ministry of Economic Affairs)

DISCUSSANT: Viktor Slavtchev (Max Planck Institute of Economics)

Niels Bosma, Utrecht University

Martin Andersson, Royal Institute of Technology Stockholm, and Sierdjan Koster, Groningen University

Stefania Vitali, ETH Zurich, Mauro Napoletano, OFCE Valbonne, and Giorgio Fagiolo, Sant'Anna School of Advanced Studies Pisa

Uwe Cantner, Andreas Meder and Tina Wolf, Friedrich Schiller University

Entrepreneurship, Urbanization Economies and Productivity of Regions; A Multilevel Approach Applied to European Regions

Persistence in Start-up Rates – Evidence from Sweden

Spatial Agglomeration in Manufacturing: A Cross-Country Analysis

Intermediation, Reciprocity and Compatibility in Regional Innovation Systems - an Interregional Comparison

**5C Evolution and Human Behavior - Room Zeiss**

CHAIR: Christian Cordes (Max Planck Institute of Economics)

DISCUSSANT: Jason Potts (Queensland University of Technology)

Kirsten Häger, Friedrich Schiller University Jena, Daniel Schunk, University of Zurich, and Daniel Houser, George Mason University

Fabrizio Panebianco, University of Venice

Dimitry Rtischev, Gakushuin University Tokyo

Cho Namun and Lee Namhyung, Korea University

Envy and Altruism in Children

Driving While Black: A Theory for Interethnic Integration and Evolution of Prejudice

The Evolution of Vulnerability to Pain as a Strategic Trait

A Caveman with Linux: The Naturalistic Approach to F/LOSS

**5D Public Research and Technology Transfer - Room Dexel**

CHAIR: Stefan Krabel (Max Planck Institute of Economics)

DISCUSSANT: Thomas Astebro (HEC, Paris)

Heide Fier, Centre for European Economic Research ZEW, Mannheim

Daniel Ljungberg, Chalmers University of Technology, Goeteborg

Guido Buenstorf and Matthias Geissler, Max Planck Institute of Economics

Against the One-way-street: Analyzing Knowledge Transfer from Industry to Science

A Comparison of Firm's Academic and Non-academic Patents

From Doktorvater to Son: Tracing the Importance of Face-to-Face Learning in Open Science

10.30-11.00 **Coffee Break**11.00-13.00 **Plenary 2: The Evolution of Organizations**

(Chair: Andreas Pyka)

Bart Nooteboom (University of Tilburg)

Markus Becker (University of Southern Denmark, Odense)

In What Sense and How Do Organizations Evolve?

Continuity, Change, and Organizational Routines

13.00-13.30 **Lunch**

13.30-15.30 **Parallel 6**

**6A Organizations Evolving - Room Schott**

CHAIR: Hagen Worch (EAWAG, Dübendorf)  
DISCUSSANT: Erik Monsen (Max Planck Institute of Economics)  
Michael S. Dahl, DRUID, Aalborg University  
Simon Oertel and Peter Walgenbach, Friedrich Schiller University Jena  
Michael Wyrwich and Ina Krause, Friedrich Schiller University Jena  
Oliver Baumann, Ludwig Maximilians University Munich, and Dirk Martignoni, University St. Gallen

The Cancer of Organizational Change  
Changes in the Governance Structure and the Mortality Risk of Organizations  
Transition and Establishment Performance: Evidence from Germany  
Efficiently Adapting or Muddling Through? The Conflicting Roles of Evaluation Capabilities

**6B R&D, Knowledge and Geography - Room Abbe**

CHAIR: Tom Broekel (Utrecht University)  
DISCUSSANT: Michael Fritsch (Friedrich Schiller University Jena)  
Jan Kranich, Leibniz University Hannover  
Francesco Quatraro, University of Torino  
Torben Klari, University of Augsburg  
Effie Kesidou, University of Nottingham, and Chris Snijders, Eindhoven University of Technology

R&D and the Agglomeration of Industries  
The Evolution of Regional Knowledge Base and the Dynamics of Economic Growth  
Spatial Knowledge Spillovers: A Regional View of Germany  
Local Knowledge Spillovers and Knowhow Trading within Clusters in Developing Countries: An Empirical Study

**6C Innovation Strategy: Econometric and Experimental Evidence - Room Dixel**

CHAIR: Camilla Lenzi (Politecnico of Milan and KITeS-CESPRI Bocconi University)  
DISCUSSANT: Werner Bönte (University of Wuppertal)  
Florian Jell, University of Munich  
Florian Köhler, Technical University of Berlin  
Niels Große and Oliver Kirchkamp, Friedrich Schiller University of Jena  
Beatrice Boulu, University of Lyon 2

Patent Wars in the Printing Machines Oligopoly  
Tit for tat - Patent Cross-Licensing and Its Drivers on Firm and Industry Level: A Theoretical and Empirical Analysis  
Learning from the Experiments of Others: Simultaneous Search and Cooperation in R&D and Diffusion Processes  
Cooperation and the Boundaries of the Firm: An Experimental Study with Professionals

**6D Institutions, Policies and Economic Evolution - Room Zeiss**

CHAIR: Christian Schubert (Max Planck Institute of Economics)  
DISCUSSANT: Georg Stadtmann (University of Southern Denmark, Odense)  
Francesco Vona, University La Sapienza Roma  
Julian Christ and Andre P. Slovak, University of Hohenheim  
Matteo Grazzi and Sebastian Vergara, ECLAC United Nations, Santiago de Chile  
Karoline Rogge, ISI Karlsruhe and ETH Zurich, and Volker Hoffmann, ETH Zurich

Job 'Creative Destructions': Assessing the Role of Educational Policies and Labour Market Institutions  
Why Bluray-HD DVD is not VHS-Betamax: Dynamics in Standard-setting Consortia and the Co-evolution of Predictions  
What Drives ICT Diffusion in Developing Countries? Evidence from Latin America  
The Impact of the EU Emission Trading Scheme on the Sectoral Innovation System for Power Generation Technologies

15.30-16.00 **Coffee Break**

16.00-17.00 **Plenary 3: Science and Technology**

(Chair: Guido Buenstorf)

Francesco Lissoni (Bocconi University Milano and University of Brescia)

From the Economics of Technology Transfer to the Economics of Science, and Back

17.00-19.00 **Parallel 7**

**7A Sectoral Patterns of Entrepreneurship and Innovation - Room Schott**

CHAIR: Christina Günther (Max Planck Institute of Economics)  
DISCUSSANT: Raquel Ortega-Argiles (Institute for Prospective Technological Studies, Sevilla)  
Stefano Breschi, Camilla Lenzi, Franco Malerba and Maria Luisa Mancusi, CESPRI-KITeS, Bocconi University  
Michael Fritsch and Luis F. Medrano, Friedrich Schiller University Jena  
Simona O. Negro, Utrecht University, Linda Kamp, Delft University of Technology, Veronique Vasseur, Utrecht University and Marjan Prent, Delft University  
Peter Kreutter, WHU Otto Beisheim School of Management, Vallendar, and Georg Stadtmann, University of Southern Denmark, Odense

Sectoral Patterns of Entrepreneurship in Europe  
People, Publications, Patents and Places: The Early Diffusion of Laser-Technology in Germany, 1960-1970  
Comparing the Photovoltaic Technological Innovation Systems in the Netherlands and Japan - A system functions analysis  
The Captives' End

**7B Cluster Evolution - Room Abbe**

CHAIR: Stephan Heblich (Max Planck Institute of Economics)

DISCUSSANT: Dirk Fornahl (Bremen Institute for Applied Economic Research)

Frank Neffke, Utrecht Univ., Martin Svensson Henning, Lund University, and Ron Boschma, Utrecht Univ.

Thomas Brenner and Charlotte Schlump, Philipps University Marburg

Tamás Sebestyén, University of Pécs

Andreas Riedl, University of Augsburg

Surviving in Agglomerations: Plant Evolution and the Changing Benefits of the Local Environment

Policy Measures and Effects in the Different Phases of the Cluster Life-Cycle

Knowledge Heterogeneity, Alliance Formation and the Evolution of Clusters

Naturally Born Spin Offs: Employee Entrepreneurship in the Tuttlingen Medical Technology Cluster

**7C Knowledge and the Growth of Firms - Room Zeiss**

CHAIR: Anne ter Wal (Imperial College London)

DISCUSSANT: André Lorentz (Max Planck Institute of Economics)

Marco Capasso, Elena Cefis and Koen Frenken, Utrecht University

Alex Coad, Max Planck Institute of Economics, and Werner Hözl, Austrian Institute of Economic Research, Vienna

Zakaria Babutsidze, UNU-MERIT, Maastricht University

Alexander N. Cuntz, Berlin University of Technology

Are There Firms that Persistently Grow?

On the Autocorrelation of Growth Rates: Evidence for Micro, Small and Large Firms from the Austrian Service Industries, 1975-2004

Knowledge Dynamics and the Size Distribution of Firms

Tree Axioms on Open Innovation and a (Non-) Parametric Application to the Entrepreneurial Case

**7D Firm Collaboration and Networks - Room Dixel**

CHAIR: Lorenzo Cassi (Bocconi University Milano)

DISCUSSANT: Thomas Grebel (Friedrich Schiller University Jena)

Hella Guezguez, University of Nice

Anne Koch, SPRU and University of Sussex

Manfred Paier and Thomas Scherngell, Austrian Research Centers

Simona Cantono, University of Torino, and Gerald Silverberg, UNU-MERIT, Maastricht University

Complementary and Similar Technological Competences: the Determinants to Collaborate in the Biopharmaceutical Industry

The Evolutionary Path of Building and Leveraging Competences: Strategies for Collaboration between Firms

Modelling the Strategic Orientation of R&D Networks: Empirical Insight from the EU Framework Programmes

Policy Implications of Information Feedbacks and Market Dominance in a Percolation Model of Multi-technologies Diffusion

**19.00 Reception at Jena Town Hall (Market Square)**

**20.00 Conference Dinner at Volksbad**

9.00-10.30 **Parallels 8**

**8A Fundamentals of Innovation - Room Schott**

CHAIR: Maria Savona (University of Sussex)

DISCUSSANT: Sylvie Geisendorf (University of Kassel)

Karolina Safarzyńska, Free University Amsterdam, and Jeroen C.J.M. van den Bergh, Autonomous University of Barcelona

Timo Ehrig, Max Planck Institute for Mathematics in the Sciences Leipzig and University Witten-Herdecke

Jeroen C.J.M. van den Bergh, University of Barcelona, and Paolo Zeppini-Rossi, University of Amsterdam

An Evolutionary Model of Energy Transitions with Interactive Innovation-Selection Dynamics

Reasoning About Novelty – Modeling Coherence of Beliefs

Optimal Diversity in Investments with Recombinant Innovation

**8B Leadership and Organizational Knowledge - Room Abbe**

CHAIR: Werner Hözl (WIFO Austrian Institute of Economic Research, Vienna)

DISCUSSANT: Christian Cordes (Max Planck Institute of Economics)

Frauke Goll, University of Stuttgart

Patrick Llerena and Thierry Burger-Helmchen, University of Strasbourg

Hagen Worch and Jochen Markard, Eawag - Swiss Federal Inst. of Aquatic Science and Techn., Dübendorf

Modeling Leadership in Learning Organizations

Creativity and Value Creation: From a Division of Labour to a Division of Knowledge Perspective

Capability Building in Infrastructure Sector Organizations: Evidence from Wastewater Utilities in Switzerland

**8C Cluster Policy - Room Zeiss**

CHAIR: Frank Neffke (Utrecht University)

DISCUSSANT: Thomas Brenner (Philipps University, Marburg)

Matthias Brachert, Halle Institute for Economic Research

Xabier De La Maza-y-Aramburu and Mari Jose Aranguren Querejeta, University of Deusto

Manuela Korber and Manfred Paier, Austrian Research Centers, Vienna

Industry Policy and the Formation of the Photovoltaic Clusters in Eastern Germany

Basque Cluster Policy's Governance: Towards a Multi-level Approach?

The Impact of Public RTI Funding in Biotechnology Innovation Systems: An Agent-Based Approach

**8D Transitions in Energy Technology - Room Dexel**

CHAIR: Julia Sophie Wörtsdörfer (Max Planck Institute of Economics)

DISCUSSANT: Alesandro Nuvolari (Sant'Anna School Pisa)

Marc Dijk, Maastricht University

Catherine Chiong Meza and Gerhard Dijkema, Delft University of Technology

Ronan Bolton and Tim Foxon, University of Leeds

Emergence of Electric Engines and Co-evolution of the Car Engine Market: Post-1990 Path Creation in a Path Dep. Sector

Analysing Transitions of Energy Infrastructures: Unravelling the Co-evolution of Technology and Institutions

Using Transitions Management and Innovation Systems Approaches to Analyse Biomass Energy Niches: A Study of Miscanthus in Cornwall

10.30-11.00 **Coffee Break**

11.00-13.00 **Plenary 4: Institutions, Networks and the Geography of Innovation**

(Chair: Jürgen Weigand, WHU)

Lee Fleming (Harvard Business School)

Olav Sorenson (University of Toronto)

Regional Disadvantage: How Non-compete Agreements Impact Careers, Entrepreneurship, and Innovative Dynamics

Social Networks and Entrepreneurship

13.00-13.30 **Lunch**

13.30-14.30 **Keynote Address**

Steven Klepper (Carnegie Mellon University, Pittsburgh)

Submarkets, Industry Dynamics, and the Evolution of the U.S. Laser Industry

14.45-16.15 **Parallel 9**

**9A Entrepreneurship and Society - Room Abbe**

CHAIR: Dirk Fornahl (Bremen Institute for Applied Economic Research)

DISCUSSANT: Michael S. Dahl (DRUID, Aalborg University)

Werner Bönte, Wuppertal University, Oliver Falck, Ifo Institute for Economic Research, and Stephan Heblich, Max Planck Institute of Economics

Uwe Cantner and Sarah Kösters, Friedrich Schiller University Jena

Yvonne Schindele, Friedrich Schiller University Jena

The Impact of Regional Age Structure on Entrepreneurship

Evaluation of Entrepreneurship Policies: Empirical Evidence on the Effectiveness of R&D Support Programs

How Long Does It Take to Become a (Managed) Entrepreneurial Society? The Case of Germany

**9B Innovation, Services and the Public Sector - Room Schott**

CHAIR: Jutta Günther (Halle Institute for Economic Research)

DISCUSSANT: Kate Morrison (Imperial College London and U. of Queensland)

Simon Wiederhold, Friedrich Schiller University Jena

Davide Arduini, Univ. of Urbino, Federico Belotti, Univ. of Rome Tor Vergata, Mario Denni, Ital. Comp. Authority, Gerolamo Giungato, Ital. National Inst. of Stat., and A. Zanfei, Univ. of Urbino

Rinaldo Evangelista, University of Camerino, and Antonio Vezzani, University of Rome Tor Vergata

Composition of Public Procurement and Economic Growth

Technology Adaption and Innovation in Public Services - The Case of E-Government in Italy

The Economic Impact of Technological and Organizational Innovations. Is There a Difference between Manufacturing and Service Industries?

**9C Consumption, Satiation and Structural Change - Room Zeiss**

CHAIR: Zakaria Babutsidze (UNU-MERIT, Maastricht University)

DISCUSSANT: Koen Frenken (Utrecht University)

Thomas Brenner, Philipps Univ. Marburg, Corinna Manig and Ulrich Witt, Max Planck Institute of Economics

Andreas Chai, Australian Government, Canberra, and Alessio Moneta, Max Planck Institute of Economics

Fabrizio Patriarca and Francesco Vona, University La Sapienza Rome

The Influence of Satiation Effects on Consumer Behavior

Satiation, Escaping Satiation, and Structural Change: Some Evidence from the Evolution of Engel Curves

Hierarchies of Wants, Demand-Driven Innovations and the Distribution of Income: the Post-Keynesian Perspective Reconsidered

**9D Public Policy and Innovations in Energy Technology - Room Dixel**

CHAIR: Marcus Wagner (TU Munich and University of Strasbourg)

DISCUSSANT: Jan Nill (European Commission)

Steffen Wirth and Jochen Markard, Swiss Federal Institute of Aquatic Science and Technology, Dübendorf

Valeria Costantini and Francesco Crespi, University Roma Tre

Leo Wangler, Friedrich Schiller University Jena

Publicly Funded Innovation Processes of New Energy Technologies: Particularities at the Interface of National and Sectoral Innovation Systems

Public policies for a sustainable energy sector: regulation, diversity and fostering of innovation

Did Policy Induced Structural Change in the Energy Sector Affect Innovation on Green Technologies?

16.30-17.30 **Plenary 5: Finance**

(Chair: **Uwe Cantner**)

Paul Nightingale (University of Sussex)

Science and Finance

17.30-18.00 **Coffee Break**



18.00-20.00 **Parallel 10**

**10A Industry Evolution in Heterogeneous Markets - Room Abbe**

CHAIR: Raquel Ortega-Argiles (Institute for Prospective Technological Studies, Sevilla)  
DISCUSSANT: Peter Kreutter (WHU Otto Beisheim School of Management, Vallendar)  
Lorenzo Cassi and Andrea Morrison, CESPRI Bocconi University, and Roberta Rabellotti, SEMEQ, Università del Piemonte Orientale  
Christina Guenther, Max Planck Institute of Economics Jena  
Mirva Peltoniemi, Tampere University of Technology  
Mathijs de Vaan, Utrecht University

Catching up and the Geography of Science in Wine

Towards Automated Manufacturing: Creation, Fusion and Destruction of Submarkets in the German Machine Tool Market  
Industry Life-cycle Dynamics Concerning a Non-utilitarian Product: The Evolution of Video Game Devices  
Pre and Post Entry Experience and Firm Survival in the Global Video Game Industry

**10B Entrepreneurship and Human Capital - Room Schott**

CHAIR: Sierdjan Koster (University of Groningen)  
DISCUSSANT: Jutta Günther (Halle Institute for Economic Research)  
Bram Timmermans, Aalborg University  
Michaela Fuchs, Institute for Employment Research  
Michael Fritsch and Florian Noseleit, Friedrich Schiller University Jena

A Dynamic Perspective on Entrepreneurial Firm Diversity  
The Dynamics of Local Employment in Germany  
Investigating the Anatomy of the Employment Effects of New Business Formation

**10C Innovation in Economic Development - Room Dixel**

CHAIR: NN  
DISCUSSANT: Andreas Freytag (Friedrich Schiller University Jena)  
Hans-Peter Brunner, Asian Development Bank, Manila  
Francisco Aguayo, UNU-MERIT, Maastricht University  
Chung Anh Tran, University of Karlsruhe

Tipping the Map: Managing Complex Systems for Economic Development  
Selection Environments and Innovation Regimes: Micro-macro Innovation Dynamics in Late Development  
BRIC-Countries as a Source of International Knowledge Flows - A Patent Citation Analysis

**10D Competition in Product, Financial and Labor Markets - Room Zeiss**

CHAIR: NN  
DISCUSSANT: Serguey Braguinsky (Carnegie Mellon University)  
Pelin Demirel and Mariana Mazzucato, University of Nottingham Business School  
Uwe Cantner, Friedrich Schiller University Jena, Jens J. Krüger, Technical University Darmstadt, and Rene Söllner, Friedrich Schiller University Jena  
Anna Glasmacher, University of Amsterdam  
Jacob Rubæk Holm, Aalborg University

Does Market Selection Operate Differently in Industrial Markets and Financial Markets?  
Product Quality, Product Price and Share Dynamics in the German Compact Car Market  
Efficiency Versus Effectiveness of Financial Markets  
Decomposing Competitive Pressures. Empirical Evidence of Selection Effects in Labour Markets

20.00 **Chill Out at Max Planck Institute (Kahlaische Strasse 10)**