Preliminary program for the
International Schumpeter Society Conference 2010 on
INNOVATION, ORGANISATION, SUSTAINABILITY AND CRISES
Aalborg, June 21-24, 2010

Program version: 2010-06-20

Please check newer versions for possible changes.
In this version, the room-numbers are added a map will be made available in the conference brochure.

Conference website: www.schumpeter2010.dk

All papers are presently available online at the conference website.

Parallel sessions

Papers are grouped in individual sessions with three (or four) papers. The (main) presenter of the paper is indicated by an asterisk. Even if more than one author is presenting the paper, only one of them can be mentioned. This presenter also functions as the discussant of one of the other papers of the session.

Guideline for presenters and discussants in parallel sessions

Preparing for the session: 15 minutes before start, an assisting student will be present in the session room. The chairperson and presenters are also requested to come at that time. They should bring their presentation slides and their discussion slides on USB memory sticks. The assisting student will put the slides on the already available computer and check that they work; further assistance is given to the shifting between presenters.

The functioning of the session: The papers are presented and discussed sequentially, with a maximum of 30 minutes per paper. The presenter has a maximum of 15 minutes. One of the other participants in the session serves as discussant for a maximum of 5 minutes. Then the chairperson & moderator of the session discuss the paper shortly and questions from the floor are raised. Finally, the presenter replies; and more comments can be given - if there is time. The assisting student helps the chairperson to keep track of time.

Checking this preliminary program

Those presenting papers should check the preliminary program very carefully. Please inform us if it is impossible for you to present your paper at the assigned time. Also inform us if another person is the main presenter of the paper you are involved in. Requests should be sent to info@schumpeter2010.dk
DAY 1: Monday 21st of June 2010

11:30-13:30
Registration and Sandwiches

13:30-14:00
Welcome Address

Anders Drejer, Dean Social Science Faculty, Aalborg University
Horst Hanusch, ISS General Secretary
Esben Sloth Andersen, ISS President and Conference Organiser

14:00-15:30
Plenary Session 1: Do Current Crises Signal the Definite End of the Fordist Era? And What's Next?

Carlota Perez
Major Bubble Collapses and the Changing Roles of Markets and Governments

Robert Boyer
Financial Versus Productive Innovations: Origins of the Present Crisis and Possible Ways Out of It

Chair
Jan Fagerberg
Discussant
Luc Soete

15:30-16:00
Break and Continued Registration

16:00-17:30/18:00
Parallel Session A 1: Finance and Innovation

Mariana Mazzucato*, Massimiliano Tancioni Innovation and Stock Price Volatility
Giulio Bottazzi, Angelo Secchi, Federico Tamagni* Financial Constraints and Firm Dynamics
Andrea Mina*, David Connell, Alan Hughes Models of Technology Development in Intermediate Research Organisations
William Lazonick* The Explosion of Executive Pay and the Erosion of American Prosperity

Chair and Moderator: Mariana Mazzucato
Parallel Session A 2: Evolutionary Economic Development

Gabriela Dutrénit, Morris Teubal* Critical Masses, Coevolutionary Processes and Economic Development

Brian J. Loasby* Building Systems

Gaston Heimeriks*, Loet Leydesdorff Measuring Search Regimes as Emerging from Co-evolutions among Research, Science and Society

Björn Johnson, Allan Dahl Andersen* Natural Resource-Based Development and the Inadequacy of Fundamentalism in Development Theory

Chair and Moderator: John A. Mathews

Parallel Session A 3: Perspectives on Patenting and Licensing

Peter Cozijn, Onder Nomaler, Alessandro Nuvolari* In the Eye of the Beholder: Estimating Patent Value from a Buyer's Perspective

Keld Laursen, Maria Isabella Leone*, Toke Reichstein Patent licensing, Contractual Clauses, Intellectual Property Rights, Markets for Technology

Gustav Martinsson, Hans Lööf* Financial Factors and Patents

Chair and Moderator: Paul H. Jensen

Parallel Session A 4: Creative Destruction and Labour Mobility

Michael Joffe* What Causal Processes Underlie Creative Destruction?


Bram Timmermans*, Ron Boschma Labour Mobility and Plant Performance in Denmark: The Significance of Related Inflows

Ljubica Nedelkoska*, Frank Neffke Human Capital Mismatches along the Career Path

Chair and Moderator: Kurt Dopfer (Second discussant on Joffe, and Otter and Siemon)

Second Discussant on Timmermans and Boschma, and Nedelkoska and Neffke: Edward Lorenz

Parallel Session A 5: Consumption and Evolution

Nathalie Lazaric*, Vanessa Oltra Sustainable Consumption in an Evolutionary Framework: How to Foster Change?


Ulrich Witt, Julia Sophie Woersdorfer* How to Explain the 20th Century Transformation of Household Production Processes - The Case of the Diffusion of Washing Machines

Chair and Moderator: Pier-Paolo Saviotti

Parallel Session A 6: Evolution and Development

Pavel Pelikan* Evolutionary Developmental Economics: How to Generalize Darwinism Fruitfully to Help Comprehend Economic Change

David A. Harper*, Anthony M. Endres The Anatomy of Emergence, With a Focus upon Capital Formation

Andreas Chai*, Allessio Moneta Some Empirical Evidence about the Hierarchy of Wants

Chair and Moderator: Thorbjørn Knudsen
Parallel Session A 7: Incentives, Learning and Complexity


Marco Valente*  Intensity and Structure of Interdependency: a Model for Complexity

Jacob Rubæk Holm*  Labour Market Signalling and Scale Adjustment. An Evolutionary theory of the Effects of Asymmetric Information in Labour Markets and How Firms Resolve the Asymmetry

Chair and Moderator: Gaston Heimeriks

Parallel Session A 8: Agent-Based Modelling

Herbert Dawid, Simon Gemkow*, Philipp Harting, Michael Neugart  Labor Market Integration Policies and the Convergence of Regions

André Lorentz*, Maria Savona  Structural Change and Business Cycles: An Evolutionary Approach

Mercedes Bleda*  Agent-based Computational Economics and the Evolutionary Theory of the Firm

Chair and Moderator: Andreas Pyka

18:30-20:00
Reception at the Arts Museum, Sponsored by the Aalborg Municipality
Toastmaster: Birgitte Gregersen
DAY 2: Tuesday 22nd of June 2010

9:00-10:30

Parallel Session B 1: Financial Innovation and Financial Crisis  
**R.19 Discussant**
Jim Charles Stewart* Financial Innovation and the Financial Crisis  
Yuriy Bazhal* The Neo-Schumpeterian Conception of Economic Growth as Recipe to Overcome Current Crisis  

Chair and Moderator: Carlota Perez

Parallel Session B 2: Innovation in Pharamaceuticals  
**R.18 Discussant**
Christian Garavaglia*, Franco Malerba, Luigi Orsenigo, Michele Pezzi Dynamics of Market Structure in the Evolution of the Pharmaceutical Industry  
Alessandro Rosiello* A New Method to Assess the Innovative Performance of Biopharmaceutical Firms  

Chair and Moderator: Jorge Niosi

Parallel Session B 3: Knowledge Networks  
**R.15 Discussant**
Koen Frenken*, Sjoerd Hardeman, Anne Ter Wal, Ron Boschma Proximity, Collaboration and Mode 2 Knowledge Production: The Case of Non-Pharmaceutical Diabetes 2 Research in Europe  
Muhamed Kudic*, Peter Boenisch, Iciar Dominguez Lacasa Network Embeddedness, Agglomeration Effects or Both? Analyzing Determinants of Innovativeness in the German Biopharmaceutical Industry  
Roman Martin*, Jerker Moodysson Innovation in Symbolic Industries: The Geography and Organisation of Knowledge Sourcing  

Chair and Moderator: Michael Fritsch

Parallel Session B 4: Capitalism, Labour Markets and Reorganization  
**R.10 Discussant**
Gunnar Eliasson* The Internet as a Global Production Reorganizer - The Moving Forces of Distributed and Flexibly Integrated Manufacturing  
Edward Lorenz* The Varieties of Capitalism Hypothesis about Labour Markets, Skills and Innovation: What's right with it and what's wrong with it  
Haibo Zhou, Ronald Dekker, Alfred H. Kleinknecht* Flexible labor and Innovation Performance: Evidence from Longitudinal Firm-Level Data  

Chair and Moderator: Bernd Ebersberger

Parallel Session B 5: Innovation in the Medical Industry  
**R.9 Discussant**
Uwe Cantner, Holger Graf, Thomas Grebel* Networking and the Innovative Success in Heart Medicine  
Stephane Lhuillery* The Determinants of User Innovation in Medical Imaging Devices  
Sebastião Loureiro, Fabio Mota, Erika Aragão, Lúcio Freitas* Innovative Medical Technology and Geographical Inequalities in the Access to Health Services in Brazil  

Chair and Moderator: Andrea Mina
Parallel Session B 6: The Environment and Sustainability  
R.8  
Discussant

Frank Willem Geels*  Societal Problems (such as Sustainability) and a Neo-Evolutionary Theory of Industrial Change: Technology, Markets, Civil Society and Polity  

Valeria Costantini, Massimiliano Mazzanti*, Anna Montini  Environmental Performance and Technological Interregional Spillovers  

Maj Munch Andersen*  Eco-innovation Dynamics - Creative Destruction and Creative Accumulation in Green Economic Evolution  

Chair and Moderator: Isabel Maria Bodas Freitas

Parallel Session B 7: Clusters and Industry Evolution  
R.33  
Discussant

Jørgen Lindgaard Pedersen*  Science, Engineering and People with a Mission. Danish Wind Energy in Context 1891 - 2010  

Jesper Lindgaard Christensen*  Joint Competition: The World Dominance of Danish Fur Production  

Eduardo M. P. Urias*, João Furtado  The Brazilian Pharmaceutical Industry: A Co-Evolution Pofess between Technology, Institutions and Industrial Organizations  

Chair and Moderator: Magnus Holmén

Parallel Session B 8: Innovation in Consumption Goods  
R.34  
Discussant

Uwe Cantner, Marco Guerzoni*, Arianna Martinelli  Innovation and Market Dynamics: A Two-Mode Network Approach to User-Producer Relation  

Pascal Le Masson*, Armand Hatchuel, Benoit Weil  Modeling Novelty-Driven Industrial Dynamics with Design Functions: Understanding the Role of Learning from the Unknown  

Chair and Moderator: Marco Valente

Parallel Session B 9: Modelling Technical Change and Growth  
R.1  
Discussant

Angelo Fusari, Angelo Reati*  Endogenizing Technical Change: Uncertainty, Profits, Entrepreneurship.  

Gérard Ballot*, Erol Taymaz  Love Thy Neighbor - A Simulation Study on International Technology Spillovers and Growth Regimes  

Beata Cialowicz*, Andrzej Malawski  Demand-driven Schumpeterian Innovative Evolution  

Chair and Moderator: Alex Coad

10:30-11:00  
Break
11:00-12:30

Plenary Session 2: Advances in the Understanding of Industrial Evolution

Stan Metcalfe
Questions for Evolutionists (and Schumpeterians)

Franco Malerba
Industry Evolution and History Friendly Models

Chair
Sidney G. Winter

Discussant
Alessandro Nuvolari

12:30-13:45

Common Lunch (seated)

13:45-15:15

Plenary Session 3: Processes of Development: The Political Economy of Catching-up/Falling Behind/Forging Ahead

Giovanni Dosi
Capability Building and Policy - What are the Options in Today's World?

Martin Srholec
What Capabilities Does it Take to Escape the Low-Growth Trap?

Chair
Keun Lee

Discussant
Adam Szirmai

15:15-15:45

Break

15:45-17:15

Parallel Session C 1: Modelling Industry Dynamics

Thorbjørn Knudsen*, Daniel A. Levinthal, Sidney G. Winter
The Role of Scale Adjustment in Industry Dynamics

Giovanni Dosi, Marco Grazzi*, Chiara Tomasi, Alessandro Zeli
Turbulence Underneath the Big Calm? Exploring the Micro-Evidence Behind the Flat Trend of Manufacturing Productivity in Italy

Francesco Bogliacino*, Mario Pianta
Profits, R&D and Innovation: A Model and a Test

Chair and Moderator: Kenneth Carlaw
Parallel Session C 2: Discontinuities and Continuities
R.18 Discussant
Timothy Bresnahan, Shane Greenstein*, Rebecca Henderson Schumpeterian Competition and Diseconomies of Scope
Jeffrey L. Funk* The Time Lag between Advances in Science and the Commercialization of them: The Case of Computers
Rudi Bekkers, Arianna Martinelli* The Interplay between Standardization and Technological Change: A Study on Wireless Technologies, Technological Trajectories, and

Chair and Moderator: Andrew Tylecote

Parallel Session C 3: Technological and Regional Relatedness
R.15 Discussant
Bart Leten, Rene Belderbos, Bart van Looy* Entry and Performance in New Technology Domains. Relatedness, Opportunities, and Competition
Keld Laursen, Francesca Masciarelli, Toke Reichstein* A Matter of Location: The Role of Regional Social Capital in Overcoming the Liability of Newness, in R&D Acquisition
Massimo G. Colombo, Larissa Rabbiosi* Technological Relatedness, Post- Acquisition Reorganization and Innovation Performance: Looking Inside the Black Box

Chair and Moderator: Bart Nooteboom

Parallel Session C 4: Perspectives on Innovation Studies
R.10 Discussant
Jan Fagerberg*, Koson Sapprasert Innovation: Exploring the Knowledge Base.
Jaider Vega-Jurado*, Liney Manjarrés-Henríquez, Antonio Gutiérrez-Gracia, Ignacio Fernández-de-Lucio Cooperation with Scientific Agents and Firms Innovative Performance

Chair and Moderator: Pablo D’Este

Parallel Session C 5: R&D and Patents
R.9 Discussant
Michael Roach*, Wesley Cohen Patent Citations as Indicators of Knowledge Flows from Public Research
Gaétan de Rassenfosse* Productivity and Propensity: The Two Faces of the R&D-Patent Relationship
Martin Falk, Rahel Falk* Knowledge Sourcing from Universities and the Productivity of R&D Activities

Chair and Moderator: Johann Peter Murmann

Parallel Session C 6: Survival of Firms
R.8 Discussant
Michael Fritsch, Yvonne Schindele* Success or Failure? Business-, Industry- and Region-Specific Determinants of Survival - A Multi-Dimensional Analysis for German Manufacturing
Michael S. Dahl, Pernille G. Jensen* The Effect of Executive Migration and Spin-offs on Incumbent Firms
Stefano Colombo, Luca Grilli* Another Unconsidered Sinister Effect of Industry-Specific Crises? On the Possible Emergence of Adverse Selection Phenomena on the Survival of

Chair and Moderator: Guido Buenstorf
Parallel Session C 7: Public policy and Innovative Growth

Horst Hanusch, Florian Wackermann* Can Social Insurance Spur Innovation? A Neo-Schumpeterian Analysis of an Agent-Based Model on Social Insurance and Innovation

Simon Wiederhold*, Viktor Slavtchev Government Demand Composition and Innovative Behavior in Industries

Nobuya Fukugawa* Strategic Fit between Regional Innovation Policy and Regional Innovation System: A Case of Local Public Technology Centers in Japan

Discussant: Simon Wiederhold

Nobuya Fukugawa

Florian Wackermann

Chair and Moderator: Maj Munch Andersen

Parallel Session C 8: Growth and Resilience

Werner Hoelzl*, Peter Huber An Anatomy of Firm Level Job Creation Rates over the Business Cycle

Jacob Rubæk Holm, Christian Richter Østergaard* Business Cycles, Regional Growth and Resilience in the Danish ICT Sector

Julia Taddei* Diversity as a Motor of a Sound and Robust Growth: The Key of Systemic Adaption to the Crisis

Discussant: Christian R. Østergaard

Julia Taddei

Werner Hoezl

Chair and Moderator: Frank Neffke

Parallel Session C 9: Eco-Innovations

Mikael Sandberg* The Greening of the Swedish Innovation System


Søren Kerndrup* Clean Tech as Driver for Transformation of Economy, Business and Regions

Discussant: Effie Kesidou

Søren Kerndrup

Mikael Sandberg

Chair and Moderator: Maj Munch Andersen

17:15-17:45

Break

17:45-19:00

Guided Tours in Aalborg
19:00-23:30
Schumpeter Prize Dinner at 'Nordkraft'
Toastmaster:Bengt-Åke Lundvall

Kurt Dopfer
The Schumpeter Society in the Face of the Legacy of Its Master
Franco Malerba
Announcement of the Winner of the Schumpeter Prize
Jan Fagerberg
Announcement of the Best Junior Paper Award

Lime River Jazz Band
DAY 3: Wednesday 23rd of June 2010

9:00-10:30

Parallel Session D 1: Schumpeterian Analyses of Growth and Fluctuations   
Kenneth I. Carlaw, Richard G. Lipsey*  
(20th of June  2010)  
Darwinian Versus Newtonian Views of the Economy: Fulvio Castellacci  
The Schumpeterian versus New Classical Theories  
Richard G. Lipsey  
Giovanni Dosi, Giorgio Fagiolo, Mauro Napoletano*, Andrea Roventini  
The Role of Technical Change, Finance, and Public Policies in an Evolutionary Model of Endogenous Growth and Fluctuations  
Chair and Moderator: Jan Fagerberg  

Parallel Session D 2: Structural Change and Growth   
Pier Paolo Saviotti, Andreas Pyka*  
The Co-Evolution of Innovation, Demand and Growth  
Andreas Dietrich*, Jens J. Krüger  
Numerical Explorations of the Ngai-Pissarides Model of Growth and Structural Change  
André Lorentz  
Tommaso Ciarli, André Lorentz*  
Product Variety and Changes in Consumption Patterns: The Effects of Structural Change on Growth  
Chair and Moderator: Robert Boyer  

Parallel Session D 3: Firm Practices and Innovation   
Heli Koski*, Luigi Marengo, Iiro Mäkinen  
Firm Size, Managerial Practices and Innovativeness: Some Evidence from Finnish Manufacturing  
Oliver Som*  
Carsten Dreher, Spomenka Maloca  
Innovation Patterns of Non-R&D Intensive Firms in the German Manufacturing Industry. An Evolutionary Approach to Heterogeneity in  
Pablo D’Este*  
Francesco Rentocchini, Jaider Manuel Vega-Jurado  
Lowering Barriers to Engaging in Innovation: Evidence from the Spanish Innovation Survey  
Chair and Moderator: Richard N. Langlois  

Parallel Session D 4: Outsourcing and Offshoring   
Mette Præst Knudsen*  
Why Don’t They Leave Home? An Empirical Analysis of the Main Discriminators of International and Domestic Outsourcing of Production  
Keld Laursen  
Lorena M. D’Agostino, Keld Laursen*, Grazia D. Santangelo  
The Impact of R&D Offshoring on the Home Knowledge Production of OECD Investing Regions  
Marco Capasso*  
Lucia Cusmano, Andrea Morrison  
The Determinants of Outsourcing and Off-Shoring Strategies in Industrial Districts: Evidence from Italy  
Chair and Moderator: Gunnar Eliasson  

Parallel Session D 5: Public Action and Innovation   
Hiromi Saito*  
Roles of Public Research on National Innovation System: Focused on Differences of Firm Attributes  
Leonardo Burlamaqui*  
Knowledge Governance: Linking Competition Policy and Publicly Funded R&D to IPR’s  
Fabio Montobbio*  
Annalisa Primi, Valerio Sterzi  
Meet Me After TRIPs. Do IPRs Reinforcement Facilitate International Cooperation  
Chair and Moderator: Rudi Bekkers
Parallel Session D 6: Financial Constraints on Innovation  
Daniel Hoewer, Tobias Schmidt*, Wolfgang Sofka  
Information Externalities in Bank Based Financing for Private Innovation - Can Specialization Overcome Asymmetries?  
Giulio Cainelli, Sandro Montresor*, Giuseppe Vittucci Marzetti  
Production and Financial Linkages in Inter-Firm Networks: Structural Variety, Risk-Sharing and Resilience  
Filipe Silva*, Carlos Carreira  
Financial Constraints: Are There Differences Between Manufacturing and Services?  
Chair and Moderator: Giulio Botazzi

Parallel Session D 7: Regulation and Innovation  
Jens Laage-Hellman, Maureen McKelvey*  
Can Public Policy Create Sustainable and Long-Term Effects on Industry? Conceptual Issues and the Case of Life Sciences for Innovative Evita Paraskevopoulou*  
Analyzing the Institutional Innovation Process: EU Regulation Through an Evolutionary Lens  
Chair and Moderator: Alfred Kleinknecht

Parallel Session D 8: Environmental Policy and Innovation  
Tobias Sebastian Schmidt, Malte Schneider*, Karoline Rogge, Volker Hoffmann  
Explaining the Effect of Market-Based Environmental Policy on Technological Change - A Valeria Costantini, Massimiliano Mazzanti*  
On the Green Side of Trade Competitiveness? Environmental Policies and Innovation in the EU  
Paolo Zeppini, Jeroen van den Bergh*  
Competing Recombinant Technologies for Environmental Innovation  
Chair and Moderator: Simona Negro

Parallel Session D 9: Schumpeter and Innovation  
Janne Petteri Kurtakko.  
There are No Rational Robinsons! Schumpeter's Challenge to the Fundamental Fallacy about Human Beings and Human Action  
Hayo Siemsen*  
The Concept of Innovation - Schumpeter Revisited  
Mark Knell*  
Was Schumpeter Schumpeterian?  
Chair and Moderator: Horst Hanusch

10:30-11:00

Break
Parallel Session E 1: Entrepreneurship and Evolution  
**R.19** Discussant  
Magnus Holmén  
Mahesh P. Bhave  
Rögnvaldur J. Saemundsson, Magnus Holmén*  
The Endogenous Nature of Entrepreneurship: How Capital Structure Changes Influence who Identify and Exploit  
Chair and Moderator: Jesper L. Christensen

Parallel Session E 2: High-Tech Clusters  
**R.18** Discussant  
Anne N. Tanner  
Luis F. Medrano  
Bo Carlsson  
Bo Carlsson*  
Creation and Dissemination of Knowledge in High-Tech Industry Clusters  
Anne Nygaard Tanner*  
Localized Knowledge Spillover and the Emergence of New Technology: The Case of Fuel Cell Technology Development  
Michael Fritsch, Luis F. Medrano*  
The Spatial Diffusion of a Knowledge Base - Laser Technology Research in West Germany, 1960-2005  
Chair and Moderator: Gil Avnimelech

Parallel Session E 3: Sustainable Emergence  
**R.15** Discussant  
Siimona Negro  
Isabel M.B. Freitas  
Birgitte Gregersen  
Birgitte Gregersen*, Björn Johnson  
Stimulating Emerging Sustainable Energy Technologies through Policy Learning  
Simona Negro*, Marko Hekkert  
Seven Typical System Failures that Hamper The Diffusion of Sustainable Energy Technologies  
Isabel Maria Bodas Freitas*, Eva Dantas, Michiko Iizuka  
The Role of Global Institutional Frameworks on the Diffusion of Renewable Energy Technologies in the BRICS Countries  
Chair and Moderator: Effie Kesidou

Parallel Session E 4: Firm Growth and Innovation  
**R.10** Discussant  
Markus C. Becker  
Arne S. Madsen  
Arne Stjernholm Madsen*  
Dynamics of Dominant Innovation Logic  
Pelin Demirel, Mariana Mazzucato*  
Innovation and Firm Growth: Is R&D worth it?  
Markus C. Becker*  
The Replication of Individual Habits and its Role in Firm Growth: The Carl Zeiss Case  
Chair and Moderator: Fabio Montobbio

Parallel Session E 5: Technological Regimes and Change  
**R.9** Discussant  
Floortje Alkemade  
Isabel Salavisa  
Michael Peneder  
Michael Peneder*  
Technological Regimes and the Variety of Innovation Behaviour  
Floortje Alkemade*  
Leaving the Niche: Patterns of Exploration and Exploitation in Emerging Technological Innovation Systems  
Isabel Salavisa*, Margarida Fontes, Cristina Sousa, Pedro Videira  
Building a Bridge: Social Networks and Technological Regimes in Biotechnology and Software  
Chair and Moderator: Vanessa Oltra
Parallel Session E 6: Biotechnology

Jorge Niosi*, Petr Hanel, Susan Reid  
The International Diffusion of Biotechnology. The Arrival of Developing Countries

Izaías de Carvalho Borges, José Maria F.J. da Silveira*, Maria da Graca D. Fonseca  
The Building of an International Regulatory Framework to Agricultural Biotechnology

Guilherme O. Marques*, Eduardo M. P. Urias, João Furtado  
Green Chemistry and Bioplastics: Analysis of the Opportunities and the Specific Challenges to Developing

Chair and Moderator: Alenka Guzmán

Parallel Session E 7: Persistent Performance

Roberto Fontana*, Diana Moriniello  

Hans Lööf*  
Innovation Strategy and Firm Performance: What is the Long-Run Impact of Persistent R&D?

Giovanni Cerulli*, Bianca Potì  
On Profit Differentials Between Persistent and Occasional Innovators: A Random-Coefficient Treatment Model Approach

Chair and Moderator: Keld Laursen

Parallel Session E 8: Diversity and Knowledge Creation

Giulio Bottazzi*, Tatiana Plotnikova  
Productivity and Heterogeneous Knowledge: Exploring the Relationship on the Sample of Drug Developers.

Thomas Grebel  
On the Tradeoff between Similarity and Diversity in the Creation of Novelty

Benjamin René Kern*, Wolfgang Kerber  
The Concentration-Competition-Welfare Presumption: The Relevance of Diversity and Parallel Research for Innovation

Chair and Moderator: Jacob R. Holm

Parallel Session E 9: Innovation in Africa

Abdelkader Djeflat*  
Building Systems for Innovation "Take off" in African Economies

Wolfhard Kaus*  
Conspicuous Consumption and Race: Evidence from South Africa

Zeleke Worku*, Mammo Muchie  
Innovation as a Determinant of Sales Growth in the South African Automotive Industry

Chair and Moderator: Björn Johnson

12::30-13:45

Common Lunch (seated)
13:45-15:15

**Plenary Session 4: Understanding Innovation-Based Growth, Fluctuations and Crises**

**Bart Verspagen**  
Schumpeter and Keynes: The Way Forward for the Macroeconomic Debate

**Andrea Roventini**  
Accounting for Cycles, Unemployment and Crises: Achievements and Challenges for Agent Based Evolutionary Modeling

**Chair**  
Richard Lipsey

**Discussant**  
John Foster

15:15-16:15

**Presidential Address**

**Esben Sloth Andersen**  
Schumpeter’s Core Works Revisited: Resolved Paradoxes and Remaining Challenges

16:15-16:45

**Break**

16:45-18:15

**Parallel Session F 1: Innovation Policy and Policy Innovation**

**Mark Dodgson, Alan Hughes*, John Foster, J.S. Metcalfe**  
Systems Thinking, Market Failure, Wolfgang Kerber and the Development of Innovation Policy: The Case of Australia

**Nicole J. Saam, Wolfgang Kerber***  
Policy Innovation, Decentralised Experimentation, and Laboratory Federalism

**Robert W. Ciborowski***  
Innovation and Neoliberal Economic Policy

**Chair and Moderator:** Bengt-Åke Lundvall

**R.19 Discussant**  
Robert W. Ciborowski

16:45-18:15

**Parallel Session F 2: Universities and Business Innovation**

**Rudi Bekkers*, Isabel Maria Bodas Freitas**  
Catalysts and Barriers: Factors that Affect the Performance of University-Industry Collaborations

**Masatoshi Kato*, Hiroyuki Odagiri**  
Development of University Programs and University-Industry Joint Research: An Empirical Study on Life Sciences and Biotechnology in Japan

**Johann Peter Murmann***  
The Geographic Co-Specialization of Industries and Academic Disciplines

**Chair and Moderator:** Søren Kerndrup

**Discussant**  
Masatoshi Kato

Johann Peter Murmann

Rudi Bekkers
Parallel Session F 3: Entrepreneurship in Regions

Cristina Carias*, Steven Klepper  Entrepreneurship, the Initial Labor Force, and the Location of New Firms
Gil Avnimelech*, Maryann P. Feldman  The Regional Context of Corporate Spawning
Frank Neffke*, Martin Henning  Seeds of Regional Structural Change. The Role of Entrepreneurs and Expanding Firms in Shaping Local Path Dependencies

Chair and Moderator: Jerker Moodysson

Parallel Session F 4: Learning and Locating

Guido Buenstorf, Matthias Geissler*  From Doktorvater to Son: Tracing the Importance of Face-to-Face Learning in Open Science
Viktor Slavtchev*, Stephan Heblich  Are Universities Able To Anchor Academic Startups In The Region? Evidence From Germany
Amit Jain*  Learning by Doing and the Locus of Innovative Capability in Biotechnology Research

Chair and Moderator: Toke Reichstein

Parallel Session F 5: Perspectives on Catching Up

Keun Lee, John A. Mathews*  From Washington Consensus to BeST Consensus for World Development
Muhammad Nadeem Javaid*, Pier-Paolo Saviotti  Financial System and Technological Catching-Up: An Empirical Analysis

Chair and Moderator: Morris Teubal

Parallel Session F 6: Innovation and Market Concentration

Bernhard Lobmayr*  Does More Innovation by More Innovators make Markets Less Concentrated?
Alex Coad*  Investigating the Exponential Age Distribution of Firms
Zakaria Babutsidze*  R&D Behavior and the Emergence of Fat-Tailed Firm Size Distributions

Chair and Moderator: Luigi Marengo

Parallel Session F 7: Organisational Forms

Richard N. Langlois*  Business Groups as Natural States
Maria Brouwer*  Markets and Organizations/ Individualism and Economic Theory
Sergey Pyastolov*, Oleg Sudarev  The Russian Organizational Phenomena

Chair and Moderator: Markus C. Becker
Parallel Session F 8: Small and New Firms  

**R.34** Discussant  

**Christina Guenther**  
*Pioneer Burnout: Radical Product Innovation and Firm Capabilities*

**Renato Garcia**, **Paula Madeira**  
*An Evaluation of the Diffusion of Production Management Practices among Small Firms in Local Production Systems*

**Carlos Carreira**  
*How Much do Small Firms Matter? Evidence from the Dynamic Role of Portuguese Firms*

*Chair and Moderator: René N. Nielsen*

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Parallel Session F 9: Perspectives on Networks  

**R.1** Discussant  

**Holger Graf**  
*Inventor Networks in Emerging Key Technologies: Information Technology vs. Semiconductors*

**Michael Fritsch**, **René Amft**  
*The emergence of an innovation system and the division of innovative labor over time – German inventions in the field of laser beam sources 1961-2005*

*Chair and Moderator: Frank W. Geels*

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19:00-21:30  

**Dinner in 'Europahallen'**  

Toastmaster: Björn Johnson

Incl. 20 Minutes Performance by the Untraditional Aalborg Shakespeare Company
DAY 4: Thursday 24th of June 2010

8:30-10:00

Parallel Session G 1: Entrepreneurship and Selforganization
Adam Szirmai*, Bart Verspagen Is Manufacturing still an Engine of Growth in Developing Countries?
Jason Potts, John Foster*, Anna Straton An Entrepreneurial Model of Economic and Environmental Co-Evolution
Julia Fomina* Self-Organization and Commodity Market
Chair and Moderator: Martin Srholec

Parallel Session G 2: Schumpeterian Creative Destruction
Christian Schubert* Welfare Creation and Destruction in a Schumpeterian World
Carlos Carreira*, Paulino Teixeira Does Schumpeterian Creative Destruction Lead to Higher Productivity? The Effects of Firms’ Entry
Arthur M. Diamond* Schumpeterian Labor Economics: The Labor Pains (and Labor Gains) from Creative Destruction
Chair and Moderator: Stan Metcalfe

Parallel Session G 3: Innovation and Interaction
Elif Bascavusoglu-Moreau*, Bruce S. Tether From Transactions to Relations: Service Innovation and Performance in UK Manufacturing
Bernd Ebersberger*, Sverre J. Herstad Product Innovation and the Complementarities of External Interfaces
Martin Woerter, Christian Rammer, Spyros Arvanitis* Innovation, Competition and Incentives for R&D
Chair and Moderator: Maria Brouwer

Parallel Session G 4: Perspectives on Chinese Transitions
Chen Jin* Modes of innovation in Chinese firms
Shulin Gu*, Yanmei Zhu Business Entrepreneurship, Institutional Entrepreneurship and Managerial Entrepreneurship
Dengjian Jin* The Evolutionary Limits of Natural Societies of Minds: The Cases of Science and Technology in Premodern China and Islam
Chair and Moderator: Mammo Muchie

Parallel Session G 5: Environmental Sustainability and Innovation
Christian Gross*, Ulrich Witt Does Energy Fuel Structural Change - And is this Sustainable?
Eric Broullat, Vanessa Oltra* Environmental Policy Instruments for Waste Prevention in a Simulation Model of Industrial Dynamics
Giovanni Marin, Massimiliano Mazzanti* Emissions Trends and Labour Productivity Dynamics - Sector Heterogeneous Analyses of Decoupling/Recoupling on a 1990-2006
Chair and Moderator: Allesandro Nuvolari
Parallel Session G 6: The Role of Patents

Elizabeth Webster, Paul H. Jensen* - Do Patents Matter for Commercialization?
Justus Baron, Henry Delcamp - Strategic Inputs into Patent Pools
Knut Blind, Florian Köhler* - Claim Amendments as the Result of Strategic Patenting and as a Driver for Patent Value

Chair and Moderator: Jeffrey L. Funk

Chair and Moderator: Sidney G. Winter

Parallel Session G 7: Technology and Cycles

Andrew Tylecote* - Technological Change and the Continuing Crisis: Schumpeterian, Schumacherian and Keynesian insights
Harry Bloch*, David Sapsford - Innovation, Real Commodity Prices and the Business Cycle
William Kingston* - Technology and Credit in Schumpeterian Economic Cycles

Chair and Moderator: Sidney G. Winter

Chair and Moderator: Roberto Fontana

Parallel Session G 8: R&D, Spillovers, and Innovation

You-Na Lee*, John P. Walsh - Intra-Organizational Integration and Innovation: Organizational Structure, Environmental Contingency and R&D Performance
Tatiana Plotnikova* - Success in Pharmaceutical Research: The Changing Role of Scale and Scope Economies, Spillovers and Competition
Carmelo Petraglia, Piergiuseppe Morone, Giuseppina Testa* - R&D propensity, Intensity and Innovation, an Instrumental Variables Approach

Chair and Moderator: Roberto Fontana

Chair and Moderator: Birgitte Gregersen

Parallel Session G 9: Preferences and Evolution

Charlotte Glassér* - Innovation Health - A Conceptualization & Investigation
Julia Sophie Woersdorfer* - Consumer Needs and their Satiation Properties as Drivers of the Rebound Effect - The Case of Energy-Efficient Washing Machines
Marco Guerzoni, Massimiliano Nuccio* - Competition and Preferences: Invididualism vs. Homology in the Process of Commodification of Artistic Products

Chair and Moderator: Birgitte Gregersen

10:00-10:15
Break
10:15-12:00

Plenary Session 5 in Memory of Bent Dalum: Entrepreneurship, Spill-overs and Regional Development

Steven Klepper
Entrepreneurship, Spinoffs, and Industry Agglomerations

Michael S. Dahl
Home Sweet Home? Entrepreneurs and Social Networks

Maryann P. Feldman
Dealmakers in Place: Social Capital Connections in Regional Entrepreneurial Economies

Chair
Bengt-Åke Lundvall

Discussant
Uwe Cantner

12:00-12:20

Farewell and See You Later

Chair
Horst Hanusch

Uwe Cantner and Andreas Pyka:
The Journal of Evolutionary Economics, the ISS and Schumpeter 2010

Eben Sloth Andersen

Thanks for Schumpeter 2010
John Foster

Schumpeter 2012 in Brisbane

12:20-13:20

ISS General Assembly

12:20-14:00

Common Lunch (standing)