



Programme for the  
**DRUID Summer Conference 2005 on**  
**"DYNAMICS OF INDUSTRY AND INNOVATION:  
ORGANIZATIONS, NETWORKS AND SYSTEMS"**

June 27-29, 2005

at Copenhagen Business School, Solbjerg Plads 3, Frederiksberg, DENMARK

**[All papers are available through the DRUID website at <http://www.druid.dk/ocs/papers.php?cf=3>]**

e-mail: <Summer2005@druid.dk>  
Website: <http://www.druid.dk/summer2005>

**Basic format of all paper sessions (plenary as well as parallel)**

Each session normally include three papers and lasts about one and a half hours.  
The standard time schedule looks like this:

- . First paper presentation by the author = 15 minutes
- . Second paper presentation by the author = 15 minutes
- . Third paper presentation by the author = 15 minutes
- . First discussant of all three papers = 12 minutes
- . Second discussant of all three papers = 12 minutes
- . General discussion and replies from the authors = approximately 20 minutes.

Overhead projectors and computer projectors or beamers will be available for PowerPoint presentations. Please bring your presentation on transparencies or on a USB memory device.

## Day 1, Monday, June 27, 2005, Conference Overview

Monday June 27									
Plenary in 001	room 212	room 213	room 214	room s13	room 112	room 113	room 114	room 208	
A	9.30 - 11.00	<b>Opening of the Conference</b> by Peter Maskell <b>Key note:</b> Stan Metcalfe: "The Evolution of Industrial Dynamics" Chair: Lee Davis. Discussants: Esben Sloth Andersen and Thorbjørn Knudsen.							
	11.00 - 11.30	Coffee break							
B	11.30 - 13.00	<b>The Transportability of Capabilities and Knowledge.</b> Chair: Bent Dalum. Paper presenters: Mari Sako: "Governing Supplier Parks: Leveraging the benefits of Outsourcing and Co-location", Michael Jacobides: "Playing Football on a Soccer Field: Value Chain Structures, Institutional Modularity and Foreign Expansion". Olav Sorenson: Complexity, Networks and Knowledge flows". Discussants: Timothy Devinney and Ron Sanchez.							
	13.00 - 14.00	lunch							
C	14.00 - 15.30	<b>Open Innovation.</b> Chair: Jens Frøslev Christensen The panel will address the statement: "Let it be resolved that this conference believes that Open Innovation is a broadly expanding new paradigm in managing innovation implying that the scope for tight appropriability regimes and core competencies is decreasing" <b>FOR</b> the motion: Henry Chesbrough and Richard N. Langlois. <b>AGAINST</b> the motion: Constance Helfat and Ammon Salter							
	15.30 - 16.00	Coffee break							
D	16.00 - 17.15	<b>Competition Policy in dynamic, Innovation-led Markets.</b> Chair: Peter Møllgaard. Round table discussion on: How do we best deal with R&D cooperation, research consortia, research joint ventures and R&D alliances? Panel participants: Claes Bengtsson, Svend Hylleberg, Luke Froeb							
	17.15 - 17.40	Coffee break							
E	18.00 - 19.30	1.1 Competitiveness of nations	1.2 Organizational identity and design	1.3 Entrepreneurship/start-ups	1.4 The emergence of new knowledge	1.5 Innovation policies	1.6 Open Innovation	1.7 Appropriability issues - empirical, theoretical, methodology	1.8 University-Industry relations 1
	20.00 - 23.00	Evening Buffet at CBS, Dalgashave							

## Day 1, Monday, June 27, 2005, Conference Details

### A Monday 9.30 - 11.00

#### Opening of the conference:

9.30- 10.00 *Room:* BGs01  
**Peter Maskell, DRUID Research Director**

#### Key note: Stan Metcalfe

10.00-11.00 *Room:* BGs01 *Chair:* Lee Davis  
**Stan Metcalfe:** "The Evolution of Industrial Dynamics"  
*Discussants:* Esben Sloth Andersen and Thorbjørn Knudsen

### Coffee break 11.00 - 11.30

### B Monday 11.30 - 13.00

#### Plenary session: The Transportability of Capabilities and Knowledge.

11.30- 13.00 *Room:* BGs01 *Chair:* Bent Dalum

- **Mari Sako:** "Governing Supplier Parks: Leveraging the benefits of Outsourcing and Co-location",
- **Michael Jacobides:** "Playing Football on a Soccer Field: Value Chain Structures, Institutional Modularity and Foreign Expansion".
- **Olav Sorenson:** Complexity, Networks and Knowledge flows".

*Discussants:* Timothy Devinney and Ron Sanchez.

### Lunch 13.00 - 14.00 at the second floor

### C Monday 14.00 – 15.30

#### Panel: Open Innovation.

14.00 – 15.30 *Room:* BGs01 *Chair:* Jens Frøslev Christensen

**The panel will address the statement:**  
"Let it be resolved that this conference believes that Open Innovation is a broadly expanding new paradigm in managing innovation implying that the scope for tight appropriability regimes and core competencies is decreasing"  
**FOR** the motion: Henry Chesbrough and Richard N. Langlois.  
**AGAINST** the motion: Constance Helfat and Ammon Salter

### Coffee break 15.30 - 16.00

### D Monday 16.00 – 17.30

#### Round table discussion: Competition Policy in dynamic, Innovation-led Markets.

16.00 – 17.30 *Room:* BGs01 *Chair:* Peter Møllgaard

**Round table discussion on:** How do we best deal with R&D cooperation, research consortia, research joint ventures and R&D alliances?  
*Panel participants:* **Claes Bengtsson, Svend Hylleberg, Luke Froeb**

## Coffee break 17.30 - 18.00

### E Monday 18.00 - 19.30 Parallel Sessions 1

#### 1.1 Competitiveness of nations

18.00 - 19.30 *Room: SP212 Chair: Bengt-Åke Lundvall*

- **Michiko Lizuka and Nick von Tunzelmann** "Win-win" solutions in a developing country context?: Export performance and sustainability in the Chilean salmon industry
- **Jan Fagerberg, Martin Srholec and Mark Knell** "The Competitiveness of Nations"
- **Poh-Kam Wong and Annette Singh** "Technological Specialization and Convergence of Small Countries: The Case of the Late-industrializing Asian NIEs"

*Discussants:* Timothy Devinney, Torben Pedersen

#### 1.2 Organizational identity and design

18.00 - 19.30 *Room: SP213 Chair: Anita McGahan*

- **Andrea Prencipe, and Stefano Brusoni** "The Division of Labor and The Division of Knowledge: Implications for Organizational Design"
- **Kirsten Foss and Nicolai Foss** "Credible Delegation: The Role of Organizational Design"
- **Maria Brouwer** "Incentive pay and uncertainty in entrepreneurial and bureaucratic firms"

*Discussants:* Sidney Winter, Ammon Salter

#### 1.3 Entrepreneurship/start-ups

18.00 - 19.30 *Room: SP214 Chair: Paul Nightingale*

- **Saradindu Bhaduri and Hagen Worch** "Education, Experience, and the Cognitive Capacity of Entrepreneurs: Some Econometric Evidence from the Indian Pharmaceutical Industry"
- **Michael S. Dahl and Toke Reichstein** "Organisational routines and the survival of new firms"
- **Pinar Ozcan and Kathleen M. Eisenhardt** "Start-Ups In an Emergent Market: Building a Strong Alliance Portfolio from a Low-Power Position"

*Discussants:* Thomas Åstebro, Markus Reitzig

#### 1.4 The emergence of new knowledge

18.00 - 19.30 *Room: SPs13 Chair: Aija Leiponen*

- **Maj Munch Andersen** "Path creation in the making – the case of nanotechnology"
- **Davide Consoli, Andrew McMeekin, Ronnie Ramlogan, Andrea Mina, Gindo Tampubolon and Stan Metcalfe** "Progress in medicine: The structure and evolution of know-how for the treatment of glaucoma"
- **Kristina Dahlin** "Is there a learning curve in responses to technological change? Speed of response to tennis racket innovations 1960-1991"

*Discussants:* Anne Plunket, Brian Loasby

#### 1.5 Innovation policies

18.00 - 19.30 *Room: SP112 Chair: Keith Smith*

- **Martin Falk** "What drives business R&D intensity across OECD countries?"
- **Rachel Hilliard and Roy Green** "Innovation Policy Governance and Institutional Change in Ireland"
- **Jorge Niosi and Morris Teubal** "Creation of Public Policy Capabilities for Innovation: Venture Capital Policies in Canada and Israel"

*Discussants:* David Wolfe, Jerry Thursby

#### 1.6 Open Innovation

18.00 - 19.30 *Room: SP113 Chair: Olav Sorenson*

- **Jens Frøslev Christensen** "Withering Core Competency for the Large Corporation in an Open Innovation World"
  - **Henry Chesbrough** "Open Innovation: A New Paradigm for Understanding Industrial Innovation"
  - **Wim Vanhaverbeke** "Open Innovation in Value Constellations"
- Discussants: Constance Helfat, Volker Mahnke*

### 1.7 Appropriability issues - Empirical, theoretical, and methodological

18.00 - 19.30 *Room: SP114 Chair: Jacques Mairesse*

- **Henrique Barros** "Appropriability Conditions in the UK: New Survey Evidence"
  - **Anna Bergek and Maria Bruzelius** "Patents and inventors from different countries: Exploring some methodological issues through a case study"
  - **Birgitte Andersen and Sue Konzelmann** "In search for a useful theory of the productive potential of intellectual property rights"
- Discussants: Lee Davis, Bent Petersen*

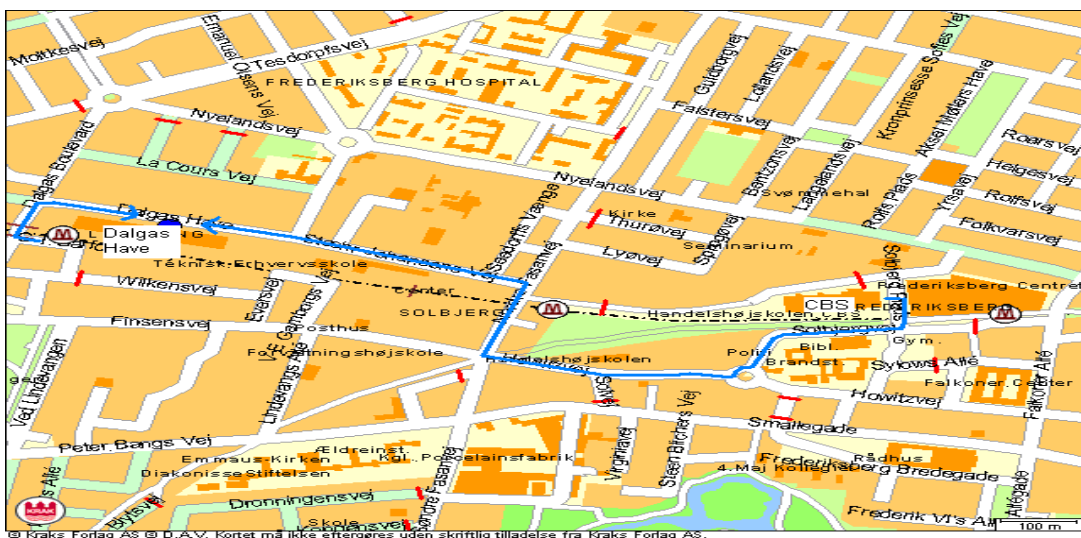
### 1.8 University-Industry relations 1

18.00 - 19.30 *Room: SP208 Chair: Henrik Sornn-Friese*

- **Réjean Landry, Nabil Amara and Mathieu Ouimet** "A Resource-Based Approach to Knowledge Transfer: Evidence from Canadian University Research in Natural Science and Engineering"
  - **Aldo Geuna, Gustavo Crespi and Lionel Nesta** "Labour mobility from academia to business"
  - **Patrick Llerena** "Science-Technology-Industry Links and the "European Paradox"
- Discussants: Franz Toedtling, Finn Valentin*

## Evening Buffet at CBS, Dalgas Have 20.00 - 22.30

CBS Dalgas Have is the long white building on your right hand when arriving at the Metro station "Lindevang" (two stops from "Frederiksberg" in the direction of "Vanløse" ). In a leisurely pace it takes 15-20 minutes to walk between CBS Solbjerg Plads (the conference venue) and CBS Dalgas Have. The locations are all shown on the map.



## Day 2: Tuesday, June 28, Conference Overview

Thursday June 28										
Plenary in 001	room 212	room 213	room 214	room s13	room 112	room 113	room 114	room 207	room 208	
<b>F</b>	9.00 - 10.30	<b>2.1</b> Property Rights 1	<b>2.2</b> Innovation and organisational dynamics	<b>2.3</b> Entry modes	<b>2.4</b> Technological regimes	<b>2.5</b> Clusters	<b>2.6</b> Knowledge sharing	<b>2.7</b> Open source software	<b>2.8</b> Creative industries	<b>2.9</b> Economic growth
	10.30 - 10.50	Coffee break								
<b>G</b>	10.50 - 12.20	<b>3.1</b> Innovation and development	<b>3.2</b> Firm capabilities	<b>3.3</b> Innovation history and measurement	<b>3.4</b> Firm growth	<b>3.5</b> Human Capital and Mobility	<b>3.6</b> Knowledge links	<b>3.7</b> Property Rights 2	<b>3.8</b> Biotech 1	
	12.20 - 13.10	Lunch								
<b>H</b>	13.10 - 14.40	<p><b>Offshoring Intellectual Labour.</b> Chair: Peter Maskell</p> <p>The panel will address the statement: "Let it be resolved that this conference believes that offshoring intellectual labour is the first stage in the true globalisation of innovation and the end to the knowledge-based comparative advantage of currently developed countries."</p> <p><b>FOR</b> the motion: Daniele Archibugi and Suma S. Athreye <b>AGAINST</b> the motion: Michael Storper and Meric Gertler</p>								
	14.40 - 15.00	Coffee break								
<b>I</b>	15.00 - 16.30	<b>4.1</b> Offshoring	<b>4.2</b> An organisational view on modularity	<b>4.3</b> Simulation approaches to econ. of technical change & innovation1	<b>4.4</b> Interdependence, innovation and technology adoption	<b>4.5</b> Innovation System dynamics	<b>4.6</b> Innovative opportunities	<b>4.7</b> Biotech 2	<b>4.8</b> Institutional change and social networks	
	16.30 - 18.40	<b>Excursion.</b> Depart Metro station "Solbjerg Plads" (adjacent to CBS) to Metro station "Christianshavn" (Direction "Lergravsparken" or "Vestamager"). Cross Main street to ferry: Departure 17.00 to Beach Cafe "Halvandet"								
<b>J</b>	18.40 - 19.40	<b>Key Note:</b> Bengt-Åke Lundvall: "National Innovation Systems - from Evolutionary Concept to Development Tool". Discussants: Franco Malerba and Robin Cowan. Chair: Bo Carlsson.								
	20.00 - 23.00	Conference Dinner at the Black Diamond. Transport from "Halvandet" provided. Participants will make their own way home.								

## Day 2: Tuesday, June 28, Conference Details

### F TUESDAY 9.00 - 10.30 Parallel Sessions 2

#### 2.1 Property Rights 1

9.00 - 10.30 *Room: SP212 Chair: René Nesgaard Nielsen*

- **Paul Jensen and Beth Webster** "The effects of the stock on IP rights and company profits"
- **Carine Peeters and Bruno van Pottelsberghe** "Complex Innovation Strategies and Patenting Behaviour"
- **Thorbjørn Knudsen** "Emergence of Property Rights Enforcement in Early Trade: A Behavioural Model Without Reputational Effects"

*Discussants:* Birgitte Andersen, Poh-Kam Wong

#### 2.2 Innovation and organisational dynamics

9.00 - 10.30 *Room: SP213 Chair: Constance Helfat*

- **Neil Jones** "Incremental Technological Change, Complexity, and Performance: An Information Processing View of Product Development in Maturing Technologies"
- **Keld Laursen, Bernd Ebersberger, Jani Saarinen and Ammon Salter** "The Origins of Innovation: An Analysis of the Finnish Innovation Database"
- **Isabel Maria Bodas Freitas** "Why do firms adopt innovative organisational and management practices"

*Discussants:* Riitta Katila, Kristina Dahlin

#### 2.3 Entry modes

9.00 - 10.30 *Room: SP214 Chair: Thomas Åstebro*

- **Samuel (Phin) Upham** "The Interconnectivity of Capabilities and the Interdependence of Barriers to Entry"
- **Christian Garavaglia** "Transitional Dynamics of Entry In Presence of Technological Change"
- **Pluvia Zuniga and Elif Bascavusoglu** "Imitation, patent protection and entry mode"

*Discussants:* John Gabriel Goddard, Michael S. Dahl

#### 2.4 Technological regimes

9.00 - 10.30 *Room: SPs13 Chair: Staffan Jacobsson*

- **Orietta Marsili and Jeroen de Jong** "The Fruit Flies of Innovation: A Taxonomy of Innovative Small Firms"
- **Ina Drejer and Aija Leiponen** "Technological Regimes and Strategy: Intraindustry, Heterogeneity in the Organisation of Innovation Activities"
- **Frank Geels** "Transitions, Transformations and Reproduction: Dynamics in Socio-Technical Systems"

*Discussants:* Jacques Mairesse, Bo Carlsson

#### 2.5 Clusters

9.00 - 10.30 *Room: SP112 Chair: Frantz Tödtling*

- **Jerker Moodysson, Magnus Nilsson and Martin Svensson Henning** "Contextualizing Clusters in Time and Space: Long-term Dynamics, Systems of Regions, and Extra-Regional Interdependencies"
- **Elisa Giuliani** "The structure of knowledge networks: a story of selective, not collective, learning in clusters"
- **Andrea Morrison and Roberta Rabellotti** "Knowledge dissemination and informal contacts in an Italian wine local system"

*Discussants:* Michael Storper, Mari Sako

## 2.6 Knowledge sharing

9.00 - 10.30 *Room: SP113 Chair: Anders Malmberg*

- **Meric Gertler** "Spaces of Knowledge Flows: Clusters in a Global Context"
- **Volker Mahnke, Torben Pedersen and Markus Venzin** "Why do MNC subsidiaries engage in knowledge sharing with other subsidiaries and what are the implications for performance?"
- **Salvatore Torrasi, Paola Giuri, Matteo Ploner and Francesco Rullani** "Skills and Openness of OSS Projects: implications for performance"

*Discussants:* Alfonso Gambardella, Pierre Desrochers

## 2.7 Open source software

9.00 - 10.30 *Room: SP114 Chair: Roberto Fontana*

- **Marco Giarratana, Andrea Fosfuri and Alessandra Luzzi** "Firm Assets and investments in open source software products"
- **Andrea Bonaccorsi and Cristina Rossi** "Contributing to the common pool resources in Open Source software. A comparison between individuals and firms"
- **Linus Dahlander** "Commercializing free and open source software: The emergence of for-profit interests in a "free" world"

*Discussants:* Elad Harison, Poul Houman Andersen

## 2.8 Creative industries

9.00 - 10.30 *Room: SP207 Chair: Alessandro Nuvolari*

- **Alexander Frenzel Baudisch** "From Ordinary to Creative Production and Consumption: Structural Change in the U.S. Footwear Market, 1955-2002"
- **Fiorenza Belussi and Silvia Rita Sedita** "The economics of intangible"
- **Tina Brandt Husman and Henrik Sornn-Friese** "Institutional Determinants and Managerial Implications of Interfirm Project Organisation: A Case Study of the Danish Advertising Industry"

*Discussants:* David Gann, Mark Lorenzen

## 2.9 Economic growth

9.00 - 10.30 *Room: SP208 Chair: Namatie Traore*

- **Keith Smith, Tore Sandven, Aris Kaloudis** "Structural change, growth and innovation: the role of medium and low tech industries, 1980-2000"
- **Paolo Guerrieri** "Technology diffusion, services, and endogenous growth in Europe"
- **Albert de Vaal and Roger Smeets** "Knowledge spillovers from FDI: Towards a general framework"

*Discussants:* Daniele Archibugi, Svend Hylleberg

## Coffee break 10.30 - 10.50



## **G TUESDAY 10.50 - 12.20 Parallel Sessions 3**

### **3.1 Innovation and development**

10.50 - 12.20 *Room: SP212 Chair: Francesco Rullani*

- **Smita Srinivas and Judith Sutz** "Economic Development and Innovation: Problem-solving in Scarcity Conditions"
- **Per Högselius** "The Dynamics of Innovation in Eastern Europe: Opportunities and Challenges"
- **Yuen-Ping Ho and Poh-Kam Wong** "Knowledge Sources of Innovation in a Small, Open Economy: The Case of Singapore"

*Discussants: Suma Athereye, Bent Dalum*

### **3.2 Firm capabilities**

10.50 - 12.20 *Room: SP213 Chair: Morten Berg Jensen*

- **Nicolai Foss** "Strategic Organization: A Field in Search of Micro-foundation"
- **Carine Peeters and Bruno van Pottelsberghe** "Innovation Capabilities and Firm Labor Productivity"
- **Aimilia Protogerou, Yannis Caloghirou and Spyros Lioukas** "Inside the 'black box' of dynamic capabilities: defining and analysing their linkages to functional competences and firm performance"

*Discussants: Andrea Prencipe, Maria Brouwer*

### **3.3 Innovation history and measurement**

10.50 - 12.20 *Room: SP214 Chair: Brian Loasby*

- **Beth Webster and Paul Jensen** "Examining biases in measures of firm innovation"
- **Daniele Archibugi** "Measuring Technological Capabilities at the Country Level: A Survey on a Menu for Choice"
- **Alessandro Nuvolari and Christine MacLeod** "The Ingenious Crowd", A Critical Prosopography of British Inventors, 1650-1850"

*Discussants: Richard N. Langlois, Serden Ozcan*

### **3.4 Firm growth**

10.50 - 12.20 *Room: SPs13 Chair: Alfonso Gambardella*

- **Jonathan Menuhin and Niron Hashai** "Firm Growth Profiles (FGPs): Towards an Action-Based View of Firm Development"
- **Helmut Fryges**, "Productivity, Growth, and Internationalisation: The Case of German and British High Techs"
- **Maria Elena Bontempi and Jacques Mairesse** Exploring the Relationship between Intangible Capital and Productivity in Italian Manufacturing Firms"

*Discussants: Orietta Marsili, Toke Reichstein*

### **3.5 Human Capital and Mobility**

10.50 - 12.20 *Room: SP112 Chair: Lionel Nesta*

- **Davide Consoli and Toni Saarivirta** "Innovation Systems and the Spatial Mobility of University Graduates: an empirical case study on Finland"
- **Lars Frederiksen and Silvia Rita Sedita** "Embodied Knowledge Transfer: Comparing Music and Manufacturing Industries"
- **Jo Lorentzen, Andrew Paterson, Glenda Kruss and Fabian Arends** "Warm Bodies, Cool Minds: Counting Innovative Human Capital in South Africa"

*Discussants: Stan Metcalfe, Morris Teubal*

### 3.6 Knowledge links

10.50 - 12.20 *Room: SP113 Chair: Eva Boxenbaum*

- **Mikkel Overby and Volker Mahnke** "Portfolio management of R&D collaborations"
- **Margaret Dalziel** "Asymmetric Interfirm Relations"
- **Pierre Desrochers** "Local Diversity and Interindustrial Knowledge Spillovers: Qualitative Evidence from a Sample of Quebec Individual Inventors"

*Discussants:* Win Vanhaverbeke, Ina Drejer

### 3.7 Property Rights 2

10.50 - 12.20 *Room: SP114 Chair: John Barber*

- **Lee Davis** "Licensing strategies of the new 'intellectual property' vendors"
- **Elad Harison** "Owning Technology: The Structure of Intellectual Property Ownership in Software Technologies"
- **Pia Hurmelinna and Kaisu Puumalainen** "The dynamics of appropriability regimes"

*Discussants:* Thorbjørn Knudsen, Henrique Barros

### 3.8 Biotech 1

10.50 - 12.20 *Room: SP207 Chair: Maureen McKelvey*

- **Anders Waxell and Anders Malmberg** "What is Local and What is Global in Biotech Innovation"
- **Rolf Sternberg and Claudia Mueller** "Entrepreneurship in Regional Innovation Systems - a case study of the Biotechnology Industry in Shanghai"
- **Erik Baark** "Innovation Policy Forensics: An Analysis of Biotechnology in Hong Kong"

*Discussants:* Marie Thursby, Paul Nightingale

## Lunch 12.20 - 13.10, at the second floor

## H Tuesday 13.10 – 14.40

Panel: **Offshoring Intellectual Labour.**

13.00 – 14.30 *Room: BGs01 Chair: Peter Maskell*

**The panel will address the statement:** "Let it be resolved that this conference believes that offshoring intellectual labour is the first stage in the true globalisation of innovation and the end to the knowledge-based comparative advantage of currently developed countries."

**FOR the motion:** Daniele Archibugi and Suma S. Athreye.

**AGAINST the motion:** Michael Storper and Meric Gertler

## Coffee break 14.40 - 15.00

## I **TUESDAY 15.00 - 16.30** **Parallel Sessions 4**

### **4.1 Offshoring**

15.00 - 16.30 *Room: SP212 Chair: Birgitte Gregersen*

- **Suma Athereye** "Evolution of Productivity in Outsourced Services: Empirical evidence from the Indian software sector"
- **Paulo Figueiredo** "Plugging into globalisation to stay alive and move ahead or standing still to fall behind? Evidence of technological capability building from three sets of firms of Northern Brazil"
- **Peter Maskell, Torben Pedersen and Bent Petersen** "Learning Paths to Global Outsourcing - From Cost Reduction to Knowledge Seeking"

*Discussants: Jan Fagerberg, Paolo Guerrieri*

### **4.2 An organisational view on modularity**

15.00 - 16.30 *Room: SP213 Chair: Timothy Devinney*

- **Andrea Prencipe and Stefano Brusoni** "A dialectical model of organizational loose coupling: modularity, integration, and innovation"
- **Catel Florent** "Strategic Perspectives on Modularity"
- **Poul Houman Andersen and Ina Drejer** "Distributed innovation in integrated production systems - The case of offshore wind farms"

*Discussants: Ron Sanchez, Neil Jones*

### **4.3 Simulation approaches to economics of technical change and innovation 1**

15.00 - 16.30 *Room: SP214 Chair: Daniele Archibugi*

- **Marco Valente** "Consumer Preferences and Technological Innovation in the Evolution of Markets"
- **Thorbjørn Knudsen and Daniel A. Levinthal** "Two Faces of Search: Alternative Generation and Alternative Evaluation"
- **Robin Cowan, Nicolas Jonard and Jean-Benoit Zimmermann** "Networks as emergent structures from bilateral collaboration"

*Discussants: Janet Bercovitz, Karen Hovhannisian*

### **4.4 Interdependence, innovation and technology adoption**

15.00 - 16.30 *Room: SPs13 Chair: Réjean Landry*

- **Nicoletta Corrocher and Roberto Fontana** "Expectations, Networks Effects and Time of Technological Adoption: Some Empirical Evidence from a Sample of Italian SMEs"
- **Mikkel Lucas Overby** "Organizing innovation in emergent high-tech markets: the case of mobile telecommunication"
- **Yasunori Baba** "The Evolution of Co-inventor Networks in Advanced Materials: Explaining the Technological Impact on Industrial Transformation"

*Discussants: Jorge Niosi, Elisa Giuliani*

### **4.5 Innovation system dynamics**

15.00 - 16.30 *Room: SP112 Chair: Anker Lund Vinding*

- **Naubahar Sharif** "History and Development of the National Innovation Systems (NIS) Conceptual Approach"
- **Andreas Chai** "Systems of demand innovation and the evolution of British resort tourism"
- **Staffan Jacobsson, Anna Bergek, Bo Carlsson, Annika Rickne and Sven Lindmark** "Analysing the dynamics and functionality of sectoral innovation systems - a manual"

*Discussants: Bengt-Åke Lundvall, Gil Avnimelech*

## 4.6 Innovative opportunities

15.00 - 16.30 *Room: SP113 Chair: Birgitte Andersen*

- **Franco Malerba, Richard Nelson, Luigi Orsenigi and Sidney Winter** "Changing boundaries of firms in the evolution of the computer industry: Towards a History friendly model"
- **Serden Ozcan** "Examining slack - Innovation relationships"
- **Toke Reichstein, Ammon Salter and David Gann** "Break on through"

*Discussants: Marco Giarratana, Esben Sloth Andersen*

## 4.7 Biotech 2

15.00 - 16.30 *Room: SP114 Chair: Maj Munch Andersen*

- **Despoina Filiou** "Exploration and Exploitation in Inter-organisational learning"
- **Finn Valentin** " Research strategies in small science-based firms - effect on performance in Danish biotechnology"
- **Namatie Traore, Antonie Rose** "Commercialization of Innovation by Canadian Biotech Firms: Pathways from Ideas to Market"

*Discussants: Pari Patel, Pontus Braunerhjelm*

## 4.8 Institutional change and social networks

15.00 - 16.30 *Room: SP207 Chair: David Wolfe*

- **Eva Boxenbaum** "Global Diffusion: Micro-dynamic Mechanisms of Translation"
- **Natalia Agapitova** "The Role of Social Networks in National Innovation System's Dynamics"
- **Ricardo Mamede** "Social networks, job mobility and industry evolution"\$

*Discussants: Olav Sorenson, Per Högselius*

## EXCURSION 16.30 - 18.40

The excursion takes in Copenhagen from the waterfront and terminates at the harbour Beach Cafe "Halvandet" (literally: One-and-a-half) where drinks and snacks will be served. Participants must take the Metro from "Frederiksberg" (the conference venue) to "Christianshavn" (direction towards "Vestamager" or "Lergravsparken"). When at "Christianshavn" cross the main street at the traffic lights and embark the harbour pleasure ferries. The ferries will depart at **17.00 and 17.05**, so please be on time. DRUID students will assist at crucial points along the way. If late use the emergency phone number.

## J TUESDAY 18.40 - 19.40

### Key Note

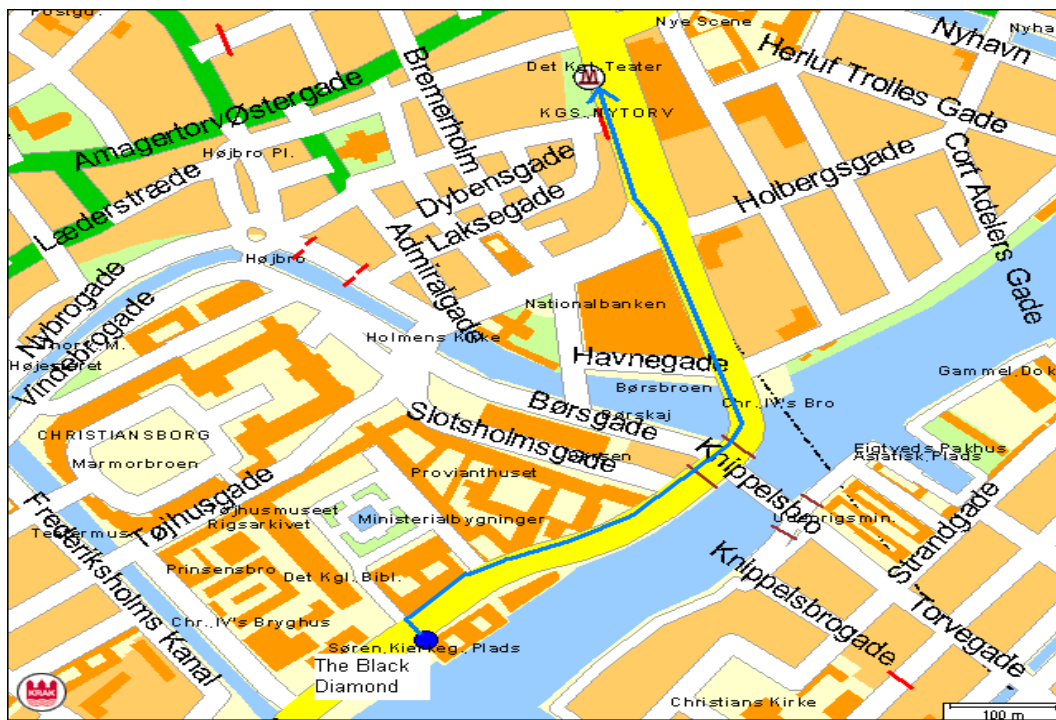
18.40 - 19.40 *Room:* Halvandet (see conference map). *Chair:* Bo Carlsson.

- **Bengt-Åke Lundvall** "National Innovation Systems - from Evolutionary Concept to Development Tool".

*Discussants:* Franco Malerba and Robin Cowan.

## CONFERENCE DINNER at the Black Diamond 20.00 - 23.00

The Location of the Black Diamond at the Royal Library (Det Kongelige Bibliotek) is shown on the map. Transport from Halvandet to the Black Diamond is provided by harbour ferry. Participants will make their own way home from the Black Diamond.



## Day 3: Wednesday, June 29, Conference Overview

Wednesday June 29								
Plenary in 001	room 212	room 213	room 214	room s13	room 112	room 113	room 114	
I	9.00 - 10.30	5.1 Information technology	5.2 Organizing for innovation and knowledge transfer	5.3 Simulation approaches to econ. of technical change & innovation. 2	5.4 Absorptive capacity/ knowledge sharing	5.5 University-industry relations 2	5.6 Intellectual property, organisation and strategy	5.7 Biotech 3
	10.30 - 11.00	Coffee break						
L	11.00 - 12.30	<b>University Knowledge Transfer and Licensing Contracts.</b> Chair: Ina Drejer. <i>Paper Presenters:</i> Marie Thursby, Jerry Thursby and Emmanuel Dechenaux: "Shirking, Sharing Risk and Shelving: The Role of University Licence Contracts", Janet Bercovitz and Maryann Feldman: "Fishing Upstream: Firm Innovation Strategy and University Research Alliances", and Pablo D'Este and Pari Patel: University - Industry linkages in the UK: what are the factors determining the variety of university researchers' interactions with industry? <i>Discussants:</i> Aija Leiponen and Maureen McKelvey.						
	12.30 - 13.30	Lunch						
M	13.30 - 15.00	<b>Firm Strategy or Industry Affiliation?</b> Chair: Keld Laursen The panel will address the statement: "Let it be resolved that this conference believes that industry structure is a central determinant of firm performance, and that the scope for firm strategy is limited accordingly" <b>FOR</b> the motion: Anita McGahan and Janet Bercovitz. <b>AGAINST</b> the motion: Alfonso Gambardella and Sidney Winter.						
	15.00 - 15.30	Coffee break						
N	15.30 - 17.00	<b>Innovative Entrepreneurship.</b> Chair: Toke Reichstein <i>Paper presenters:</i> Ulrich Witt and Christian Zellner: "Knowledge-based Entrepreneurship: The Organizational Side of Technology Commercialization", Riitta Katila and Scott Shane: "When does lack of resources make new firms Innovate?" and Thomas Åstebro: "Does it pay to be a Jack-of-all-trades?", <i>Discussants:</i> Bruno van Pottelsberghe and Maryann Feldman						

## Day 3: Wednesday, June 29, Conference Details

### I **Wednesday 9.00 - 10.30** **Parallel Sessions 5**

#### **5.1 Information technology**

9.00 - 10.30 *Room: SP212 Chair: Pari Patel*

- **Florian Täube** Diversity, human and social capital as location determinants: evidence from the Indian IT industry
- **Damian Grimshaw and Marcela Miozzo** "Does EDS add value? the expansion of IT outsourcing and the nature and role of computer services firms"
- **Dan Breznitz** "A Misunderstood "Miracle" – The State and the Growth of the IT Industry in Ireland"

*Discussants:* Keith Smith, Bent Petersen

#### **5.2 Organizing for innovation and knowledge transfer**

9.00 - 10.30 *Room: SP213 Chair: Michael S. Dahl*

- **Maureen McKelvey, Mats Magnusson and Magnus Holmén** "Innovative Opportunities: What do we learn from opportunities in mobile communications?"
- **Rosanne Siino, Andrew Nelson and Stine Grodal** "Negotiating Schedules: Creating Work Flow in Distributed Groups"
- **Ammon Salter and Jon Sapsed** "Drag and Drop: The extraction of manufacturing capability and the breakdown of the transfer metaphor"

*Discussants:* Anita McGahan, Margaret Dalziel

#### **5.3 Simulation approaches to economics of technical change and innovation 2**

9.00 - 10.30 *Room: SP214 Chair: Poul Houman Andersen*

- **Karen Hovhannisian** "Imperfect" Local Search Strategies on Technology Landscapes: Satisficing, Deliberate Experimentation and Memory Dependence"
- **Kerstin Wolter** "Divide and conquer? Decentralisation, co-ordination and cluster survival"
- **John Gabriel Goddard** "Technological Innovation, Imitation and the Evolution of Market Structure"

*Discussants:* Robin Cowan, Marco Valente

#### **5.4 Absorptive capacity/knowledge sharing**

9.00 - 10.30 *Room: SPs13 Chair: Richard N. Langlois*

- **Tobias Schmidt** "What Determines Absorptive Capacity?"
- **Ina Drejer and Anker Lund Vinding** "Searching Near and Far"
- **Wolfgang Sofka** "Global Idea Sourcing, at Home: An empirical investigation into the mechanisms behind the usage of foreign business sources for innovation"

*Discussants:* Jens Frøslev Christensen, Fiorenza Belussi

## 5.5 University-industry relations 2

9.00 - 10.30 *Room: SP112 Chair: Ulrich Witt*

- **Pontus Braunerhjelm** "New Universities, New Industries and Regional Performance"
- **Maria Theresa Larsen** "Enabling innovation through engineering: The other face of university research?"
- **Henry Etzkowitz and Devrim Göktepe** "The Co-evolution of Technology Transfer Offices and Towards Assisted Linear Model of Innovation"

*Discussants:* Lionel Nesta, Anders Malmberg

## 5.6 Intellectual property, organisation and strategy

9.00 - 10.30 *Room: SP113 Chair: Niron Hashai*

- **Federica Ceci and Andrea Prencipe** "Enablers, Outcomes, and Effects of Product Bundling: Towards an Analytical Model"
- **Geneviève Schlink** "Dynamic routines and capabilities: How does creativity fit in?"
- **Henrik Sornn-Friese and Søren Henning Jensen** "Pecuniary and Strategic Interdependencies in the Organization and Dynamics of Vertically Specialized Industries"

*Discussants:* Pablo D'Este, Aimilia Protopogerou

## 5.7 Biotech 3

9.00 - 10.30 *Room: SP114 Chair: Orietta Marsili*

- **Anne Plunket and Najoua Boufaden** "Investigating technological and geographic proximity on firms' innovation in an immature cluster : the Paris Area Biotech cluster"
- **Franz Toedtling and Michaela Trippel** "Knowledge links in high-technology industries: Markets, Networks or Milieu? The Case of the Vienna biotechnology cluster"
- **Philip Cooke** "The Asymmetric Knowledge Problem, Regional Innovation and Geographical Knowledge Systems"

*Discussants:* Rejean Landry, Rolf Sternberg

## Coffee break 10.30 - 11.00

## L Wednesday 11.00 – 12.30

### Panel: University Knowledge Transfer and Licensing Contracts.

11.00 – 12.30 *Room: BGs01 Chair: Ina Drejer*

- **Marie Thursby, Jerry Thursby and Emmanuel Dechenaux:** "Shirking, Sharing Risk and Shelving: The Role of University Licence Contracts",
- **Janet Bercovitz and Maryann Feldman:** "Fishing Upstream: Firm Innovation Strategy and University Research Alliances"
- **Pablo D'Este and Pari Patel:** University - Industry linkages in the UK: what are the factors determining the variety of university researchers' interactions with industry?

*Discussants:* Aija Leiponen and Maureen McKelvey.

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## Lunch 12.30 - 13.30, at the second floor



## **M            Wednesday 13.30 – 15.00**

### **Panel: Firm Strategy or Industry Affiliation?**

13.30 – 15.00 *Room: BGs01 Chair: Keld Laursen*

#### **The panel will address the statement:**

"Let it be resolved that this conference believes that industry structure is a central determinant of firm performance, and that the scope for firm strategy is limited accordingly"

**FOR** the motion: Anita McGahan and Janet Bercovitz,

**AGAINST** the motion: Alfonso Gambardella and Sidney Winter.

## **Coffee break 15.00 - 15.30**

## **N            Wednesday 15.30 - 17.00**

### **Plenary session: Innovative Entrepreneurship.**

15.30- 17.00 *Room: BGs01 Chair: Toke Reichstein.*

- **Ulrich Witt and Christian Zellner** "Knowledge-based Entrepreneurship: The Organizational Side of Technology Commercialization"
- **Riitta Katila and Scott Shane** "When does lack of resources make new firms Innovate?"
- **Thomas Åstebro** "Does it pay to be a Jack-of-all-trades?"

*Discussants:* Bruno van Pottelsberghe and Maryann Feldman.

## **18.30 Reception with the DRUID Penguin "Nestor" and Nestor's family and friends at Copenhagen Zoo** (Complementary drinks will be served. Orders on signed photographs accepted. Or bring your own camera).

The DRUID Tenth Anniversary Summer Conference 2005 is sponsoring a penguin at Copenhagen ZOO. The receiver of the DRUID Young Scholar Paper Award 2005 has been asked to name the penguin and has chosen the name "Nestor".



## 19.00- 22.00 Wild Farewell Dinner Buffet among giraffes and zebras at the Savannah at Copenhagen Zoo.

Bring warm cloth. It might get cold later during the evening.



The Conference Secretariat includes:  
Jeanette Hvarregaard, Dorte Baymler and Kirsten Suhr Jacobsen

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