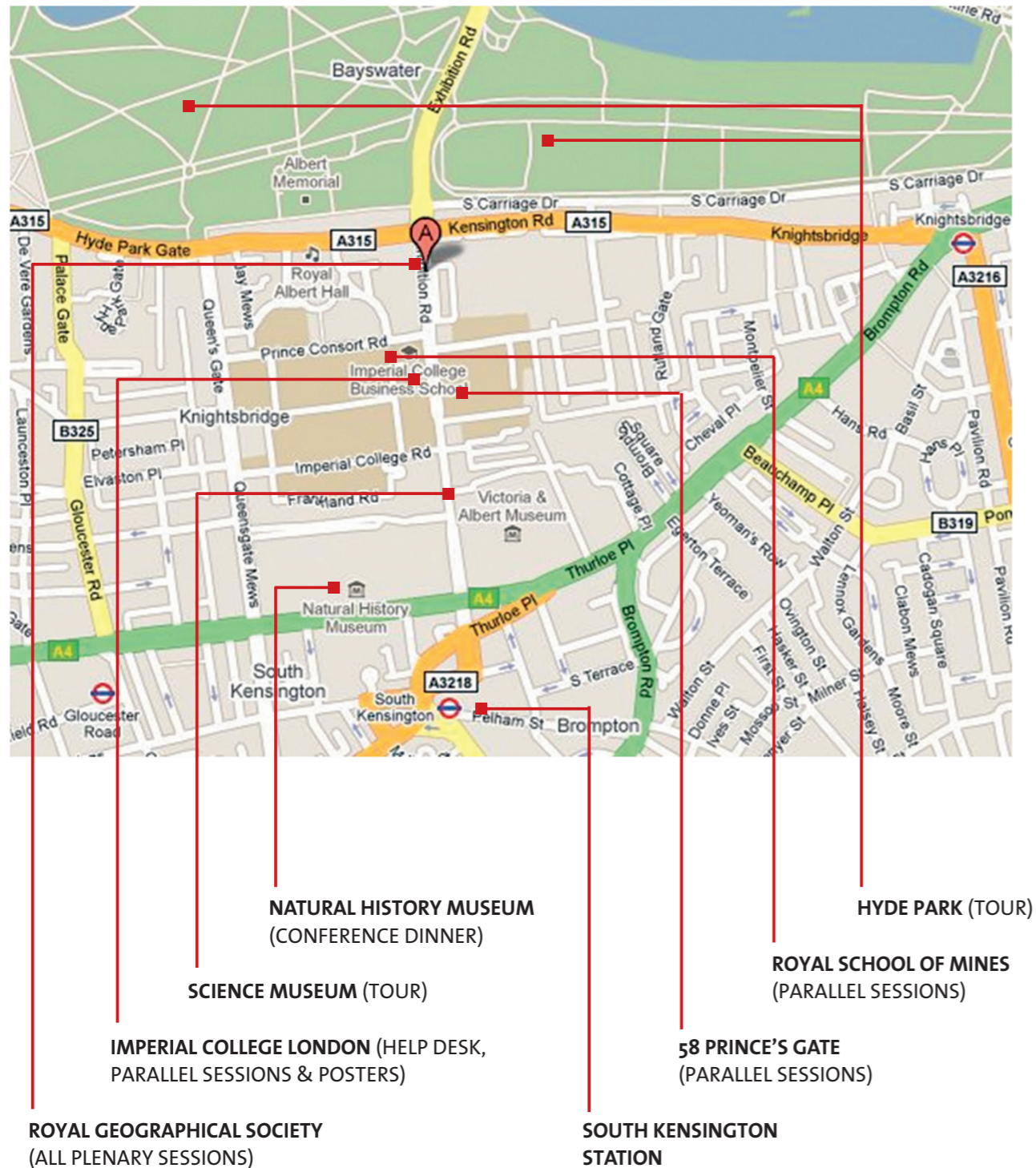


MAP OF VENUES



LONDON | 2010



Imperial College
BUSINESS SCHOOL

DRUID SUMMER CONFERENCE 2010 ON
**OPENING UP INNOVATION:
 STRATEGY, ORGANIZATION
 AND TECHNOLOGY**

JUNE 16 - 18 AT THE IMPERIAL COLLEGE BUSINESS SCHOOL

E-Mail: summer2010@druid.dk • Website: www.druid.dk/summer2010

CONFERENCE SPONSORS 2010



THE UK-IRC

The UK-IRC is a joint venture between the Centre for Business Research at the University of Cambridge and Imperial College Business School to further research and knowledge exchange on innovation policy and practice. The UK-IRC involves a large-scale, multi-year research programme and a Knowledge Hub to engage policy-makers and practitioners about innovation research. The research programme explores open innovation, service innovation, online communities and innovation policy-making. Through the Hub, our aim is to maximise the effect of the research on policy and practice, so as to help the UK face its social, environmental and economic challenges.

The UK-IRC is co-funded by the Department for Business Innovation and Skills (BIS), the Economic and Social Research Council (ESRC), the National Endowment for Science, Technology and the Arts (NESTA) and the Technology Strategy Board (TSB).

Track C. Open Innovation and Distributed Innovation & Track O. Innovation and Institutions in Services are co-organized with UK Innovation Research Centre, funded by NESTA, ESRC, BIS and TSB.



ECO-CIT

Ecocit is a global network of academic, industry and public sector partners engaged in research whose goal is to make our cities not only sustainable ecologically, but helping them thrive economically – attracting firms, a skilled workforce, and building communities at ease with themselves.

Ecocit was established, with support from the EPSRC, to investigate the processes associated with the planning, design and implementation of eco-cities. And it has a special focus on Dongtan, on Chongming Island close to Shanghai. Arup, the global design, engineering and business consultancy is responsible for the master plan

and design of Dongtan. Arup is pioneering new methods, technologies and systems to create an exemplar for eco-cities, and has played a crucial role in the creation of ecocit.

Track P. Innovation, Sustainability and the Environment is supported by the EcoCit project, which is funded by the EPSRC (UK).



EUROPEAN SCIENCE FOUNDATION

The European Science Foundation (ESF) is an association of 79 member organisations devoted to scientific research in 30 European countries. Since we were established in 1974, we have coordinated a wide range of pan-European scientific initiatives, and our flexible organisation structure means we can respond quickly to new

developments. ESF's core purpose is to promote high quality science at a European level.

The ESF is committed to facilitating cooperation and collaboration in European science on behalf of its principal stakeholders (Member Organisations and Europe's scientific community). This cross-border activity combines both 'top-down' and 'bottom-up' approaches in the long-term development of science. The Foundation is committed to providing scientific leadership through its networking expertise and by ensuring that there is a European added value to all of its initiatives and projects.

Track M. University Patenting and Inventor Networks is co-organized with APE-INV, the project on "Academic Patenting in Europe" funded by the European Science Foundation.

DEPARTMENT OF HUMANITIES: SCIENCE COMMUNICATION GROUP

We gratefully acknowledge the support of the Department of Humanities at Imperial College London for arranging the Science Museum tour. In particular we would like to thank Tom Horner, Science Communication Group, for devising and planning a special programme for DRUID delegates.

ORGANIZING COMMITTEE:



Peter Maskell
Copenhagen
Business School



Markus Perkmann
Imperial College
London



Ammon Salter
Imperial College
London



Nils Stieglitz
University of
Southern Denmark.

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CONFERENCE VENUES

HELP DESK

A help desk to guide conference participants can be found in the atrium of Imperial College Business School. Two staff members will guide participants to breakout rooms when needed. Prior to parallel session 1, we have arranged conference helpers to be placed along the routes from Royal Geographical Society to all breakout session rooms.

IMPERIAL COLLEGE BUSINESS SCHOOL

Imperial College Business School is the venue for the poster session and some of the parallel sessions. The Business School is approximately 4 minutes walk from South Kensington tube station and 1 minute from the Royal Geographical Society.

The following rooms are located in the Tanaka Building at Imperial College Business School:

- Lower Ground Round Lecture Theatre (LGR)
- Lower Ground Square Lecture Theatre (LGS)
- Ground Floor Lecture Theatre (LTG)
- Upper Ground Floor Lecture Theatre (LTUG)
- First Floor Lecture Theatre (LT1)
- Second Floor Lecture Theatre (LT2)

These rooms can be accessed by turning right out of the Royal Geographical Society along Exhibition Road. Imperial College Business School is a large glass building on the right hand side.

Imperial College Business School is a world class provider of business education and research, focusing primarily on Imperial's strengths in innovation and entrepreneurship, finance and healthcare management. It is rated as Europe's top business school for entrepreneurship in the latest Financial Times rankings. The School offers customised Executive Education, full-time and Executive MBAs, Master's programmes in Finance, Risk Management and Financial Engineering, Actuarial Finance, International Health Management, Management, and a Doctoral programme.

Imperial College London was formed in 1907 combining City and Guilds College, the Royal School of Mines and the Royal College of Science. It contains three main faculties – Medicine, Engineering and Natural Science, a Humanities Department and the Imperial College Business School. Imperial is currently 5th in the Times Higher World University Rankings.

Imperial College Business School is joint first for the percentage of research activity assessed as world-leading or internationally excellent (RAE 2008).

THE ROYAL SCHOOL OF MINES

The Royal School of Mines is adjacent to the Imperial College Business School and is the venue for some of the parallel sessions. The Royal School of Mines can be accessed from Prince Consort Road. This is approximately 1 minute from the Royal Geographical Society and it can also be accessed via the Bessemer Building entrance from the back of Imperial College Business School.

The following rooms are located on Level 3 of the Royal School of Mines:

- Royal School of Mines, level 3, room 301D
- Royal School of Mines, level 3, room 301E

These rooms can be accessed by turning right out of the Royal Geographical Society, then by taking the first right into Prince Consort Road. The entrance to the Royal School of Mines Building is on the left hand side of the road.

58 PRINCE'S GATE

Prince's Gate 58 is the venue for some of the parallel sessions. Prince's Gate is a small road opposite the main entrance to Imperial College London and number 58 is the venue for the DRUID Advisory Board Meeting on June 15th. The building is on the corner of Prince's Gate and Exhibition Road, approximately 4 minutes walk from South Kensington Station.

The following rooms are located on the first floor of 58 Prince's Gate:

- 58 Prince's Gate, Ballroom
- 58 Prince's Gate, Billiard Room

These rooms can be accessed by turning right out of the Royal Geographical Society along Exhibition Road, crossing the road at Imperial College Business School, taking the first left turning into Prince's Gardens. It is the first building on the left hand side.

ROYAL GEOGRAPHICAL SOCIETY

The Royal Geographical Society will be the venue for all the plenary sessions, Druid Debates and the key note speech. They will take place in Ondaatji Lecture Theatre. The building is located approximately 5 minutes walk from South Kensington tube station, on Exhibition Road.

Founded in 1830, the society began as an informal dining society and forum to discuss key scientific issues. It was given a Royal Charter by Queen Victoria in 1859 and moved to its current premises in 1912. Its earlier history is closely associated with colonial exploration in Africa, India, polar regions, and Asia. Some of Britain's most famous explorers were members, such as Livingstone (Africa), Scott (polar), Shackleton (polar), and Hillary (Mount Everest).

THE TOWER ROOMS

The Tower Rooms is the venue for the Welcome Dinner, Wednesday, June 16th, at 19:15 - 22:00. The Tower Rooms is located adjacent to the Queen's Lawn and entrance to the Welcome Dinner will be located near to the Queen's Tower. Conference helpers will guide all delegates from their breakout session rooms to the welcome dinner at the Tower Rooms.

THE NATURAL HISTORY MUSEUM

The Natural History Museum is situated on Exhibition Road, approximately 2 minutes from South Kensington Station and 3 minutes from the Royal Geographical Society. It is the venue for the Conference Dinner on Thursday evening, June 17th June at 19:15 – 22:00. Dress Code: Nice casual.

Read more about the Conference Dinner on page 37.

Map of Venues on the back of the cover of the program.

SESSION GUIDELINES

BASIC FORMAT OF ALL DRUID DEBATES

The DRUID Debates aim at stimulating civilized controversy and advance the field of industrial dynamics by clarifying and developing intellectual positions in fundamental or currently heated disputes.

The debates are structured to help identify common grounds and lines of division within the field, and to encourage conference participants and subsequent website viewers to take sides and become persuaded by arguments presented.

Each debate confronts a motion and lasts about ninety minutes. The standard time schedule looks like this:

- A brief introduction by the Moderator
- A vote where the audience indicates its initial stand on the motion
- First affirmative constructive: 12 minutes
- First negative constructive: 12 minutes
- Second affirmative constructive: 12 minutes
- Second negative constructive: 12 minutes
- First negative rebuttal: 3 minutes
- First affirmative rebuttal: 3 minutes
- Second negative rebuttal: 3 minutes
- Second affirmative rebuttal: 3 minutes
- Questions from the floor and answers from the panelists
- A vote where the audience indicates its concluding stand on the motion

HINTS FOR SESSION CHAIRS

This note is intended to provide you with guidance on managing the session for which you are responsible but inevitably you will have to show some degree of flexibility.

In essence your role will be to introduce the presenter and allocated discussants; control the length of time that they speak for and manage any questions from the floor. In most sessions three papers will be presented. Please notify the Conference Organizers immediately if you become suspicious of any possible fabrication of data or plagiarism relating to the papers in your session.

We believe that it is important to establish some ground rules that everybody understands and works towards during the conference:

- Please arrive in the room where the session is to take place at least five minutes before the appointed time. If using PowerPoint the presenters have been asked to upload their presentation on the PC before the start of the session to save time. Solicit advice at the info desk or through student assistants if experiencing trouble.
- Introduce yourself to the presenters. Ask them for biographical details to use in introducing them. Make sure that their presentation has been uploaded. Inform them of the maximum time they will have to present their paper. For example, in a one and a half hour session with three papers, each presenter should have 15 minutes and the two discussants should be allocated 12 minutes each. It is important that participants are given the chance to ask additional questions from the floor.
- For each paper introduce the author and title of the paper.
- A series of cards to help the presenter or discussants to manage the time will be available to you in each workshop room. - The first card you pass indicates that the presenter or discussant has a maximum of five minutes left. - The second card indicates that there are two minutes left. - The third and final RED card indicates that their time is over and the presenter or discussant must STOP. In issuing the red card you must be polite but firm. It is to be fair to other presenters or discussants in the session and to the audience who will wish to contribute in the discussion time.
- In managing the questions and answers part of each session please ask those asking questions to identify themselves and to keep their comments as short as possible to allow time for the presenters to respond in full. You may decide how to organize this element of the session, i.e. after each paper or after all the papers have been presented.
- Please ensure that the session finishes on time. With the number of papers to be presented this is going to be a busy event. Sessions that over run have implications for other sessions or events later in the day.

Finally, thank you for chairing and helping to make the conference as successful as we hope it will be.

HINTS FOR PAPER PRESENTERS

Each participant will only be allowed to present one paper during the conference. Co-authored papers may be presented by any of the participating co-authors. The basic format of all PAPER SESSIONS (plenary as well as parallel) is as follows:

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.

With a conference of this size we ask you to remember some basic rules when making your presentation. In order that everyone has sufficient time to speak it is important that you exercise discipline, particularly time management. These notes are intended to inform you of how each session will be organized.

- Please arrive at the appropriate room five minutes before the session is due to start. All rooms are equipped with black out facilities, an overhead projector and a Power Point beamer. Please note that if choosing PowerPoint you must arrive with your presentation on a USB memory device and load it yourself onto the machine provided in the room BEFORE the start of the session. It might be a good idea to do so well in advance as not all versions of PowerPoint function equally well on all projectors. Solicit advice at the info desk or through student assistants if experiencing trouble.
- Introduce yourself to the other presenters and the chair. Give the chair your biographical details for use in introducing you. Ideally to assist the chair these should be in writing.
- Present your paper in judicious language. Disclose any financial or other interest you might have in the subject matter of the papers. Acknowledge contributions of co-authors. Structure your presentation so that you have time for your findings and their possible implications (when relevant). Avoid or explain uncommon abbreviations or terms.
- The chair will tell you at the beginning of the session how long your presentation can last. This will inevitably vary between sessions depending on the number of papers to be presented. In a one and a half hour session with three papers you should aim to speak for no more than 15 minutes leaving time for your discussants and for the floor.
- We have asked session chairs to be very strict in terms of time management so that each presenter has an equal amount of time.
- During your presentation the session chair will pass you three cards indicating that your time allocation is coming to an end. - Five minutes presentation time remaining. - Two minutes presentation time remaining. - If you are shown the RED card this means your time is over. Finish your sentence and STOP your presentation. Chairs have been asked to be polite but firm in allocating time.

GUIDELINES FOR POSTER PRESENTERS

Poster presenters will prepare a display of their work (max. 0.8 x 1.2 meters. This equals roughly 12 A4-sheets of standard paper).

Poster presenters must be available for presenting their work and answering questions during the poster sessions. The poster sessions will be announced in the conference program available on June 1 at the conference website.

Ideally a poster will provide information on:

- Title of the paper
- Name and contact information for the author(s)
- Research question/aim of the paper
- Presentation of the theoretical framing
- Presentation of data (if empirical paper)
- Presentation of main findings, including possible theoretical and policy implications
- A list of main references
- The use of graphics and colors is encouraged
- Type-fonts similar to slide presentations should be used to enhance readability (a poster is not just a copy of the paper).

A poster must grab the viewer's attention and quickly communicate its ideas and relevance. Keep in mind that people are standing at some distance, thus large fonts will draw attention. Hard copies of the paper should be available for interested colleagues.

Boards to fasten the poster to will be available in the poster area.

COMPETITIVE PAPERS

Wednesday, June 16, 2010								
Wednesday 16, 09:00-09:30	Welcome and Opening Statement by DRUID's Director Peter Maskell and Sir Keith O'Nions, Rector of Imperial College London (Ondaatji Lecture Theatre, Royal Geographical Society)							
Wednesday 16, 09:30-10:30	Keynote: Daniel A. Levinthal: "Revisiting the Problem of Organizational Goals: From Problems of Conflict to Problems of Direction" Chair: Ammon Salter (Ondaatji Lecture Theatre, Royal Geographical Society)							
Wednesday 16, 10:30-11:00	Coffee Break (Education Centre, Royal Geographical Society)							
Wednesday 16, 11:00-12:30	<p>Plenary Session A, Understanding Open and Distributed Innovation (Sponsored by the UK Innovation Research Centre) Chair: Andy Cosh (Ondaatji Lecture Theatre, Royal Geographical Society)</p> <p>Carliss Y. Baldwin: "Modeling a Paradigm Shift: From Producer Innovation to User and Open Collaborative Innovation" (co-authored with Eric von Hippel)</p> <p>David Waguespack: "Status, Quality and Attention: What's in a (Missing) Name?" (Co-authored by Tim Simcoe)</p> <p>Joachim Henkel/Timo Fischer: "Patent Trolls on Markets for Technology – An Empirical Analysis of Trolls' Patent Acquisitions" Discussants: Anita McGahan and Steven Roper</p>							
Wednesday 16, 12:30-13:30	Buffet Lunch (included in conference fee) at the Education Centre, Royal Geographical Society							
Wednesday 16, 13:30-15:00	<p>Plenary Session B, Capabilities and New Ventures Chair: Aija Leiponen (Ondaatji Lecture Theatre, Royal Geographical Society)</p> <p>Jack A. Nickerson: "Designing a Dynamic Capability for Strategic Problem Formulation"</p> <p>Christoph Zott: "The Affective Roots of Resource-based Theory: How Founders' Emotion Regulation Enables Resource Creation In Firms"</p> <p>Zoltán J. Acs: "The Global Entrepreneurship and Development Index (GEDI)". (Co-authored by László Szerb) Discussants: Toke Reichstein and Bart Clarysse</p>							
Wednesday 16, 15:00-15:30	Coffee Break at the Education Centre, Royal Geographical Society							
Wednesday 16, 15:30-17:00	<p>Plenary Session C, Organizing for Innovation (Sponsored by UK Innovation Research Centre) Chair: Alan Hughes (Ondaatji Lecture Theatre, Royal Geographical Society)</p> <p>Martin Kilduff: "The Production of New Knowledge in Organizations: A Philosophy of Science Approach"</p> <p>Simoni Ferriani: "The Social Structure of Creativity: Social Networks and Rewards in the Hollywood Film Industry"</p> <p>Bruce Tether: "Turning Digital: Diversification in UK Design Consultancy Services" (Co-authored by Cher Li, Andrea Mina and Karl Wennberg) Discussants: Bettina Peters and Guatum Ahuja</p>							
Wednesday 16, 17:00-17:30	Coffee Break at the Education Centre, Royal Geographical Society							
Wednesday 16, 17:30-19:00	Parallel Sessions 1	Parallel	Sessions	Parallel	Sessions	Parallel	Sessions	Parallel
Wednesday 16, 19:15-22:00	Welcome Dinner (included in conference fee) at Tower Rooms, Imperial College London							

Thursday, June 17, 2010					
Thursday 17, 09:00-10:30	<p>Plenary session D, Learning, Experience and Knowledge Chair: David Gann (Ondaatji Lecture Theatre, Royal Geographical Society) Jaideep Anand: "Does Experience imply learning?" (Co-authored by Louis Mulotte) Phanish Puranam: "Expeditions Without Maps: Why Faulty Initial Representations May Be Useful In Joint Discovery Problems" (Co-authored by Murali Swamy) Jaideep Prabhu: "Patterns in the Global Location of R&D Centres by the World's Largest Firms: The Role of India and China" Discussants: Margaret Dalziel and Christopher Tucci</p>				
Thursday 17, 10:30-11:00	Coffee Break at the Education Centre, Royal Geographical Society				
Thursday 17, 11:00-12:30	Parallel Sessions 2	Parallel	Sessions	Parallel	Sessions
Thursday 17, 12:30-13:30	Lunch (included in conference fee) at Education Centre, Royal Geography Society				
Thursday 17, 13:30-15:30	Science Museum Guided Tour (limited capacity - sign up during registration) or walk in Hyde Park. Coffee.				
Thursday 17, 15:30-17:00	<p>DRUID Debate on Entrepreneurship Moderator: Erkkö Autio (Ondaatji Lecture Theatre, Royal Geographical Society) Motion: "Let it be resolved that this conference believes that a significant part of entrepreneurship is innate" (to be finalized by the debaters) Speaking for the motion: Nicolas Nicolau, Scott Shane Speaking against the motion: Alfonso Gambardella, Peter Thompson</p>				
Thursday 17, 17:00-18:30	Poster Session (including Coffee) and Parallel Sessions 3 with Best Dissertation Nominees presenting their work				
Thursday 17, 19:15-22:00	Grand Conference Dinner (included in conference fee) at Natural History Museum. Dress Code: Nice, casual				

Friday, June 18, 2010								
Friday 18, 09:00-10:30	Parallel Sessions 4	Parallel	Sessions	Parallel	Sessions	Parallel	Sessions	Parallel
Friday 18, 10:30-11:00	Coffee Break at the Education Centre, Royal Geographical Society							
Friday 18, 11:00-12:30	Parallel Sessions 5	Parallel	Sessions	Parallel	Sessions	Parallel	Sessions	Parallel
Friday 18, 12:30-13:30	Lunch (included in conference fee) at Education Centre, Royal Geographical Society							
Friday 18, 13:30-15:00	<p>DRUID Debate on University Patenting (sponsored by the European Science Foundation) Chair: Francesco Lissoni (Ondaatji Lecture Theatre, Royal Geographical Society) Motion: "Let it be resolved that this conference believes that University Patenting increasingly impede knowledge sharing and overall economic growth" Speaking for the motion: Martin Kenney, Arvids A. Ziedonis Speaking against the motion: Marie Thusby, Ben Martin</p>							
Friday 18, 15:00-15:30	Coffee Break at the Education Centre, Royal Geographical Society							
Friday 18, 15:30-17:00	Parallel Sessions 6	Parallel	Sessions	Parallel	Sessions	Parallel	Sessions	Parallel
Friday 18, 17:00-17:15	Closing of the Conference: Open debate on the future of the DRUID							
Friday 18, Evening	Optional Farewell Pub Party – perhaps at DRUID Street, Bermondsey, London							

PARALLEL SESSIONS 1

1 ENTREPRENEURSHIP AND EXPERIMENTATION

Wednesday, June 16 at 17:30 - 19:00 Room: Imperial College, Lower Ground Square Lecture Theatre, Chair: Karl Wennberg 1

KARIN HOISL, MARC GRUBER, DIETMAR HARHOFF "Invention Processes and Knowledge Recombination Across Technological Boundaries"

MICHAEL FRITSCH, ALINA RUSAKOVA "Entrepreneurship and Cultural Creativity"

RAFFAELE CONTI, ALFONSO GAMBARDELLA, MYRIAM MARIANI "Learning to be Edison? The Effect of Individual Inventive Experience on the Likelihood of Breakthrough Inventions"

Discussants: Jack A. Nickerson, Grazia Santangelo

2 OPEN AND CLOSED INNOVATIONS

Wednesday, June 16 at 17:30 - 19:00 Room: Imperial College, Lower Ground Round Lecture Theatre, Chair: Ray Lambert 5

SUSANNE THORWARTH, DIRK CZARNITZKI "The Design Paradox: the Contribution of In-house And External Design Activities on Product Market Performance"

STEPHEN ROPER, JIM LOVE "On the Externalities of Openness"

ANDRÉS BARGE-GIL "Open, Semi-open and Closed Innovators. Towards an Explanation of Degree of Openness"

Discussants: Marion Frenz, Marcel Bogers

3 FIRM STRATEGY AND BUSINESS DIVERSIFICATION

Wednesday, June 16 at 17:30 - 19:00 Room: Imperial College, Lower Ground Floor Lecture Theatre, Chair: Stan Metcalfe 10

FELICIA M FAI, SANDRO MENDONCA "Questioning 'related' Technological Diversification At The Twilight of the Twentieth Century"

FRANK NEFFKE, MARTIN HENNING "Skill Relatedness and Firm Diversification"
NOMINATED FOR CBS PRESIDENT'S AWARD FOR MOST IMAGINATIVE PAPER

MARYAM NASIRIYAR, LIONEL NESTA, LUDOVIC DIBIAGGIO "Technological Assets as Platforms for Business Diversification"

Discussants: Rui Baptista, Larissa Rabbiosi

4 STRATEGY, CAPABILITIES AND STRUCTURE

Wednesday, June 16 at 17:30 - 19:00 Room: Imperial College, Upper Ground Floor Lecture Theatre, Chair: Markus Becker 12

MICHAEL G JACOBIDES, SIDNEY G WINTER "Understanding Capabilities: Structure, Agency and Evolution"

KANNAN SRIKANTH, THORBJORN KNUDSEN, MICHAEL CHRISTENSEN "Benefitting From Organization: How Collective Decisions can Be Organized to Increase Profits"

FRANCESCO RULLANI, LARS FREDERIKSEN "Individual Interaction and Innovation Capabilities: Exploration and Exploitation In Open Source Software Communities"

Discussants: Richard Langlois, Christoph Zott

5 THEORY OF THE FIRM

Wednesday, June 16 at 17:30 - 19:00 Room: Imperial College, First Floor Lecture Theatre, Chair: Andreas Mattig 15

LARS HÅKANSON "The Firm As an Epistemic Community: the Knowledge Based View Revisited"

MARGARET DALZIEL "Why Do Innovation Intermediaries Exist?"

MAGDALENA DOBRAJSKA "Designing Firm Boundaries. Case Study of a Wind Turbine Manufacturer"

Discussants: F. Ted Tschang, Richard Tee

6 INDUSTRIAL CHANGE AND FIRM STRATEGY

Wednesday, June 16 at 17:30 - 19:00 Room: Imperial College, Second Floor Lecture Theatre, Chair: Rudi Bekkers 20

ELENA NOVELLI "As You Sow, So Shall You Reap: General Technologies and Entry Into New Product Subfields In the Face of Technological Uncertainty"

JÖRG CLAUSSEN, TOBIAS KRETSCHMER, NILS STIEGLITZ "Vertical Integration Under Technological Change"

SEA JIN CHANG, BRIAN WU "Post-liberalization Industry Consolidation: an Extended Chandlerian Perspective"

Discussants: Annabelle Gawer, Jens Frøsløv Christensen

7 UNIVERSITY COLLABORATION STRATEGIES

Wednesday, June 16 at 17:30 - 19:00 Room: 58 Prince's Gate, Ballroom, Chair: Marie Thursby 22

MARKUS PERKMANN, ZELLA KING, STEPHEN PAVELIN "Engaging Excellence? Effects of Faculty Quality On Industry Engagement Across Disciplines"

DANIEL LJUNGBERG, MAUREEN MCKELVEY "Academic Involvement In Firm Patenting: A Study Of Firms' Academic Patents In Sweden"

JAN-PHILIP DUNOWSKI, CARSTEN SCHULTZ, ALEXANDER KOCK, HANS GEORG GEMÜNDEN, SØREN SALOMO "Implementing University Collaboration Strategies Through Portfolio Management"

Discussants: Ben Martin, Martin Kenney

8 INNOVATION AND INSTITUTIONS IN SERVICES

Wednesday, June 16 at 17:30 - 19:00 Room: 58 Prince's Gate, Billiard Room, Chair: Bruce Tether 25

PHILIPP MEYER, EVAN RAWLEY, RUI DE FIGUEIREDO "The Effect of Parent Firm Location on The Performance of Entrepreneurial Spawns: Evidence From Hedge Funds"

ELIF BASCAVUSOGLU-MOREAU, BRUCE S. TETHER "From Transactions to Relations: Service Innovation and Performance in UK Manufacturing"

PAOLA CRISCUOLO, AMMON SALTER, ANNE TER WAL "The Role of Proximity In Shaping Knowledge Sharing In Professional Services Firms"

Discussants: Martin Kilduff and Simone Ferriani

9 TECHNOLOGICAL AND INDUSTRIAL EVOLUTION

Wednesday, June 16 at 17:30 - 19:00 Room: Royal School of Mines, level 3, room 301D, Chair: Mark Dodgson 26

JUNGHO KIM, CHANG-YANG LEE "Technological Regimes and the Patterns of Firm Survival"

ELINA BERGHÄLL "Innovation, Competition and Technical Efficiency"

GIANVITO LANZOLLA, GIANVITO LANZOLLA, JUAN PABLO MAICAS "Order of Market Entry, Market And Technological Evolution and Firm Competitive Performance"

Discussants: Vikas Aggarwal, Thomas Le Texier

10 UNIVERSITIES, SCIENCE PARKS AND REGIONAL DEVELOPMENT

Wednesday, June 16 at 17:30 - 19:00 Room: Royal School of Mines, level 3, room 301E, Chair: Brian Wixted 37

THOMAS ASTEBRO, NAVID BAZZAZIAN "Student Startups and Local Economic Development"

CHARLOTTE SCHLUMP, THOMAS BRENNER "University Education, Public Research and Employment Growth in Regions - An Empirical Study of Germany"

Discussants: Jeff Furman, Christian Richter Østergaard

PARALLEL SESSIONS 2

11 EXPERIMENTATION AND CREATIVITY

Thursday, June 17 at 11:00 -12:30 Room: Imperial College, Lower Ground Square Lecture Theatre (LGS), Chair: Dominic Power 2

DANIELLA LAUREIRO-MARTÍNEZ, STEFANO BRUSONI, MAURIZIO ZOLLO “Cognitive Control Capabilities, Routinization and Decision-Making”

STEPHAN BILLINGER, NILS STIEGLITZ, TERRY SCHUMACHER “Search on Rugged Landscapes: An Experimental Study”

JOSÉ LEJARRAGA, TOMÁS LEJARRAGA, CHARLOTTE GASTON-BRETON “I Will Do It Better Than You Because I Have Done It Before: How Experience Breeds Illusion of Control”

Discussants: Saras Sarasvathy, Kannan Srikanth

12 FINANCIAL STRUCTURE AND INNOVATION

Thursday, June 17 at 11:00 -12:30 Room: Imperial College, Lower Ground Round Lecture Theatre, Chair: Anita Mcgahan 8

ELEONORA BARTOLONI “Capital Structure and Innovation: Causality and Determinants”

AIJA LEIPONEN, JIAHONG ZHANG “Capital Structure and Innovation In Asian Emerging Economies”

SANDRO MONTRESOR “Production and Financial Linkages in Inter-firm Networks: Structural Variety, Risk-sharing and Resilience”

Discussants: Zoltán J. Acs, Thomas Astebro

13 MNCS AND INNOVATIVE CAPABILITIES

Thursday, June 17 at 11:00 -12:30 Room: Imperial College, Lower Ground Floor Lecture Theatre, Chair: Grazia Santangelo 9

JOEL STIEBALE “The Impact of Foreign Acquisitions on the Acquirers’ R&D Activities—firm-level Evidence”

BJØRN T. ASHEIM, BERND EBERSBERGER, SVERRE J. HERSTAD “MNCs Between the Local and The Global: Knowledge Bases, Proximity and Distributed Knowledge Networks”

WOLFGANG SOFKA, EDLIRA SHEHU, PEDRO FARIA “A Resource Dependence Perspective on Mnc Subsidiary Knowledge Protection – Do Mandates and Reciprocity Matter?”

Discussants: Keld Laursen, Lori Divito

14 DESIGNING PRODUCTS

Thursday, June 17 at 11:00 -12:30 Room: Imperial College, Upper Ground Floor Lecture Theatre, Chair: Jim Love 14

PAUL WINDRUM, LAWRENCE GREEN “The Role of Design In Product Innovation: Design Frames And The Development of the Portable Computer” NOMINATED FOR CBS PRESIDENT’S AWARD FOR MOST IMAGINATIVE PAPER

SILVIA RITA SEDITA, MARCO BETTIOL “Creativity At Work. Waving Between Social and Business Networks In A Design Community”

MARCO BETTIOL, MARIA CHIARVESIO, STEFANO MICELLI “From Tacit Practice to Structured Function. The Evolution of Design and Its Implication In Firms’ Strategy. The Case of Small and Medium Firms In Italy.”

Discussants: Paulo N Figueiredo, Mirva Peltoniemi

15 PRODUCTIVITY AND PROCESS INNOVATIONS

Thursday, June 17 at 11:00 -12:30 Room: Imperial College, First Floor Lecture Theatre, Chair: Frank Neffke 17

CEES VAN BEERS, FARDAD ZAND “How Do Enterprise System Applications Create Business Value For European Firms? New Evidence For the Mediation Effects of Product and Process Innovation”

MICHAEL POLDER, GEORGE VAN LEEUWEN, PIERRE MOHNEN, RAYMOND WLADIMIR “Productivity Effects Of Innovation Modes”

JENS KRÜGER “Intra-sectoral Structural Change and Aggregate Productivity Development”

Discussants: Andrea Fosfuri, Jörg Claussen

16 MANAGING UNIVERSITIES

Thursday, June 17 at 11:00 -12:30 Room: Imperial College, Second Floor Lecture Theatre, Chair: Carlos Benavides-Velasco 21

STEFAN KRABEL, WERNER BOENTE, DAVID AUDRETSCH “Commercializing Academic Research - Investigating Why Individual Scientists Cooperate With Private Firms”

HENRY SAUERMANN, WESLEY COHEN, PAULA STEPHAN “Doing Well Or Doing Good? the Motives, Incentives, and Commercial Activities of Academic Scientists and Engineers”

LARS ALKAERSIG “Effects of Complementarities on Patenting Activity - How Cognitive Diversity Affects Patenting In University-industry Collaboration”

Discussants: Alexander Oettl, Andrea Mina

17 LEARNING AND ORGANIZATIONAL ADAPTATION

Thursday, June 17 at 11:00 -12:30 Room: 58 Prince's Gate, Ballroom, Chair: Lars Hakanson 29

MARKUS BECKER “From Entrepreneur to Organization: the Case of Carl Zeiss”

KRISTINA VAARST ANDERSEN “You Can't Take It With You - an Analysis of Why Social Capital Affects Performance”

KONSTANTINOS GRIGORIOU, FRANK T. ROTHÄRMEL “Organizing For Adaptation: Innovative Capabilities, Relational Stars, Coordination Costs, and Boundary Choices”

NOMINATED FOR THE BEST PAPER AWARD

Discussants: Phanish Puranam, Margaret Dalziel

18 INNOVATION IN REGIONAL CLUSTERS

Thursday, June 17 at 11:00 -12:30 Room: 58 Prince's Gate, Billiard Room, Chair: Florian Täube 38

FRANZ HUBER “Do Clusters Really Matter For Innovation Practices in Information Technology? Questioning the Significance of Technological Knowledge Spillovers”

ERIC BROUILLAT, YANNICK LUNG “Spatial Distribution of Innovative Activities and Economic Performances: A Geographical-friendly Model”

FRANCESCA MASCIARELLI, TOKE REICHSTEIN “A Matter of Location: the Role of Regional Social Capital In Overcoming the Liability of Newness, In R&D Acquisition Activities”

Discussants: Jesper Lindgaard Christensen, Martin Henning

19 MACROECONOMIC ASPECTS OF INNOVATIONS

Thursday, June 17 at 11:00 -12:30 Room: Royal School of Mines, level 3, room 301D, Chair: Mariya Teteryatnikova 42

HANNA HOTTENROTT “Industrial Research versus Development Investment: the Implications Of Financial Constraints”

NEIL AARON THOMPSON, ERIK STAM “Macroeconomic Dynamics and Innovation”

MARIANNA MARINO, PIERPAOLO PARROTTA “Impacts of Public Funding to R&D: Evidence From Denmark”

Discussants: Jeroen Struben, Elina Berghäll

20 LABOUR MOBILITY AND INNOVATION

Thursday, June 17 at 11:00 -12:30 Room: Royal School of Mines, level 3, room 301E, Chair: Lorenzo Zirulia 46

CHRISTOPH GRIMPE, JAKOB EDLER, HEIDE FIER “International Scientist Mobility and the Locus Of Knowledge and Technology Transfer”

AMIT JAIN “Inbound Mobility, Inertia, and Obsolescence”

BETTINA PETERS, KATHRIN MÜLLER “Churning of R&D Personnel and Innovation”

Discussants: Miguel Torres Preto, Andrew Joel Nelson

PARALLEL SESSIONS 3

BEST DISSERTATION NOMINEES - SPECIAL SESSION 21

Thursday, June 17 at 17:00 -18:30 Room: Imperial College, Lower Ground Square Lecture Theatre, Chair: Markus Perkmann

STEFAN BAUERNSCHUSTER "Empirical Strategies in Entrepreneurship and Innovation Research"

AMIT JAIN "Neutrality and the Evolvability of Organizations, NK-Model Simulations and Statistical Analysis of Knowledge Trajectories Using Biotechnology Patents"

MATTHEW MARX "Essays on Employee Non-compete Agreements"

22 INNOVATION MANAGEMENT

Thursday, June 17 at 17:00 -18:30 Room: Imperial College, Lower Ground Round Lecture Theatre, Chair: Cristina Quintana-Garcia 19

RONALD KLINGEBIEL "Flexible Strategy Execution: A Matter of Options and Capabilities"

MARCO GIARRATANA, ANDREA FOSFURI, ESTHER ROCA-BATLLORI "Building a Product Differentiation Advantage Through Community-based Strategy"

ANNELIES WASTYN, DIRK CZARNITZKI "Does Professional Knowledge Management Improve Innovation Performance At the Firm Level?"

Discussants: Stephan Billinger, Aimilia Protogerou

23 REGULATION, POLITICS AND FIRM STRATEGY

Thursday, June 17 at 17:00 -18:30 Room: Imperial College, Ground Floor Lecture Theatre, Chair: Ron Boschma 43

JEFF FURMAN, FIONA MURRAY, AND SCOTT STERN "Growing Stem Cells: The Impact of Us Policy on the Geography and Organization Of Scientific Discovery"

BETTINA LYNDA BASTIAN, CHRISTOPHER TUCCI "An Empirical Investigation on the Effects of Political Risk on Technology Strategies of Firms"

MATTHIAS HOFFMANN, ANDREAS MATTIG "Regulatory Intermediation - Between Capability Building And Changing Transaction Cost"

Discussants: Andrew C Davies, Stefan Arne Kesting

24 INSTITUTIONS AND INDUSTRIAL DYNAMICS

Thursday, June 17 at 17:00 -18:30 Room: Imperial College, Upper Ground Floor Lecture Theatre, Chair: George Van Leeuwen 49

RUDI BEKKERS, ARIANNA MARTINELLI "The Interplay Between Standardization and Technological Change: A Study on Wireless Technologies, Technological Trajectories, and Essential Patent Claims"

JOSEPHINE V. REKERS "Introducing Innovations: the Role of Market Intermediaries and Institutions In Culture and Science-based Industries" NOMINATED FOR THE BEST YOUNG SCHOLAR PAPER AWARD

ANDREW DAVIES, LARS FREDERIKSEN, ANDREAS HARTMANN "The Road to Replication: Transformation Of the Highways Agencies In England and the Netherlands"

Discussants: Fardad Zand, Finn Valentin

25 MODELS OF INDUSTRIAL EVOLUTION

Thursday, June 17 at 17:00 - 18:30 Room: Imperial College, First Floor Lecture Theatre, Chair: Taehyun Jung 36

MINHO YOON, FRANCO MALERBA "Technological Interrelatedness, Knowledge Generality And Economies of Scale In the Evolution of Firm Boundaries: A "history-friendly" Model of the Fabless Ecosystem"

THOMAS LE TEXIER 'Hybrid' Competition, Innovation Outcomes and Regulation: A Duopoly Model"

LORENZO ZIRULIA, NICOLA LACETERA "Knowledge Spillovers, Competition, and Taste for Science In A Model of R&D Incentive Provision"

Discussants: Erkko Autio, Neil Aaron Thompson

POSTER SESSION PRESENTATIONS

- 1) **AIMILIA PROTOGEROU, YANNIS CALOGHIROU, EVANGELOS SIOKAS** "Technology fusion through EU-funded research collaborative networks"
- 2) **ARLINDO VILLASCHI, EDNILSON FELIPE** "Crisis And Capability Building In The Production Of Coffee And Reforestation: From Static Comparative Advantages Into The Knowledge Economy"
- 3) **BEATRICE D'IPPOLITO** "The Institutionalisation of the Design Industry: A focus on the Italian furniture"
- 4) **CAREN PATRICIA CROWLEY** "Spatial patterns of Advice Seeking and Innovation within the Irish Farm-house Cheese Sector"
- 5) **CARINE PEETERS, ARIE LEWIN, STEPHAN MANNING, SILVIA MASSINI** "Shifting firm boundaries in global services sourcing: Transaction costs, emerging capabilities and experience-based learning"
- 6) **CRISTINA QUINTANA-GARCIA, CARLOS A. BENAVIDES-VELASCO** "Accessing Technological Knowledge Through R&D Alliances: Consequences For Radical And Incremental Innovation"
- 7) **DAVID JOHANN HERMANN KLANG, MARIA WALLNÖFER, FREDRIK HACKLIN** "The Anatomy of the Business Model: A Syntactical Review and Research Agenda"
- 8) **FRANCISCO LIMA, BRUNO MEIRELES, CARLOS MARTINHO** "Open Source and Proprietary Software in the Operating System Market: An Agent Based Modeling Approach"
- 9) **FRANK TIETZE, CORNELIUS HERSTATT** "Technology Market Intermediaries and Innovation"
- 10) **GIOVANNI MARIN, MASSIMILIANO MAZZANTI** "The Evolution of Environmental and Labour Productivity Dynamics - Sector Based Evidence from Italy"
- 11) **GREGORY MARTIN SPENCER** "Creative Economies of Scale: an agent-based model of creativity and agglomeration"
- 12) **HARTMUT HIRSCH-KREINSEN** "Financial Market and Innovation"
- 13) **JAE-HWAN PARK, JAMES MOULTRIE** "Understanding university academics' internal and external knowledge interactions in different disciplines: evidence from universities in South Korea"
- 14) **JOHN STEEN, SAM MACAULAY, TIM KASTELLE** "A review and critique of the 'small worlds' hypothesis: The best network structure for innovation?"
- 15) **LIANG-CHIH CHEN** "How to understand the roles of the state and public research institute in the technological upgrading of industries in newly industrializing countries? The case of Taiwan's machine tool industry"
- 16) **LUDIVINE MARTIN, THUC UYEN NGUYEN-THI** "Impact of R&D and ICT on Innovation and Productivity. Empirical evidence from micro data"
- 17) **MARIA KAPSALI** "Relating in project networks and innovation systems"
- 18) **MARISALVO SILVA** "A Contribution to the Study of Innovative Companies in Brazil"
- 19) **MARKUS PERKMANN** "Towards open source science? The role of boundary organizations in the acquisition of public knowledge by firms"
- 20) **MASSIMILIANO MAZZANTI, VALERIA COSTANTINI** "On the green side of trade competitiveness?"
- 21) **PATRICK STACEY** "Improvisation as control: a field study of computer game design"
- 22) **PHILIP HIROSHI UENO** "Can Dutch disease harm the export performance of Brazilian Industry?"
- 23) **PRIIT VAHTER** "Does FDI spur productivity, innovation and knowledge flows to incumbent firms? Evidence from manufacturing industry in Estonia"
- 24) **SJOERD BAKKER, HARRO VAN LENTE, MARIUS MEEUS** "The Emergence of a Dominant Design in the Prototyping Phase – An Analysis of Hydrogen Car Prototypes"
- 25) **SUSANNE JENSEN, MARTINE BUSER** "Breaking the Wall: Innovation and Knowledge Production in collaboration between companies, universities and students in mentoring programs"
- 26) **THIAGO CALIARI, RICARDO RUIZ** "Brazilian Pharmaceutical Industry and Generic Drugs: The Political Intentions and the Unexpected Changes"
- 27) **TING-LING LEE, YI-HSIN CHOU** "Using Product Service System in the Study of Bike Sharing System"
- 28) **YU-SHAN SU, FENG-SHANG WU, WIM VAN-HAVERBEKE** "How Small Firms Can Benefit From Open Innovation? - Evidence From Taiwanese Biotechnology Firms"

PARALLEL SESSIONS 4

26 ENTREPRENEURSHIP

Friday, June 18 at 09:00 -10:30 Room: Imperial College, Lower Ground Square Lecture Theatre, Chair: Jens Krüger 3

RICCARDO FINI "Career Paths, Organizational Affiliation and the Enactment of Entrepreneurial Intentions"

JOACHIM HENKEL, THOMAS RØNDE, MARCUS WAGNER "And the Winner Is – Acquired. Entrepreneurship As A Contest With Acquisition As the Prize"

SARAS SARASVATHY "Locus of Variation In Models of New Market Creation"

Discussants: Jaideep Anand, Markus Becker

27 MANAGING OPEN INNOVATION

Friday, June 18 at 09:00 -10:30 Room: Imperial College, Ground Floor Lecture Theatre, Chair: Andrés Barge-Gil 6

PIERRE BARBAROUX "How Do Organisations Manage to Develop Innovation Within Collaborative And Interactive Environments? Lessons Learned From A Cold War Military Project"

HANNA BAHEMIA, BRIAN SQUIRE "A Contingent Perspective of Open Innovation In New Product Development Projects"

SPYROS ARVANITIS "How Do Different Motives For R&D Cooperation Affect Firm Performance? – An Analysis Based on Swiss Micro Data"

Discussants: Stephen Roper, Susanne Thorwarth

28 LEARNING, EXPERIMENTATION AND INNOVATION

Friday, June 18 at 09:00 -10:30 Room: Imperial College, Upper Ground Floor Lecture Theatre, Chair: Mark Lorenzen 16

MIHAELA STAN, FREEK VERMEULEN "Selection At the Gate: Difficult Cases, Spillovers, And Organizational Learning"

DIRK DEICHMANN AND JAN VAN DEN ENDE, "Plug the Experiences of the Past and Play to Succeed: How Learning Unfolds In Proactive Creative Initiatives" **NOMINATED FOR THE BEST PAPER AWARD**

AMIT JAIN "Learning by Doing and the Locus of Innovative Capability In Biotechnology Research"

Discussants: Maurizio Zollo, Christian Pich

29 TECHNOLOGICAL PLATFORMS AND MODULARITY

Friday, June 18 at 09:00 -10:30 Room: Imperial College, Second Floor Lecture Theatre, Chair: Michael G Jacobides 30

CARLISS Y. BALDWIN "The Strategic Use of Architectural Knowledge by Entrepreneurial Firms" **NOMINATED FOR THE BEST PAPER AWARD**

STEFANO MIRAGLIA "Modularity and Integratedness As Non-dichotomous Architectural Properties Of Complex Systems"

ANNABELLE GAWER "Towards a General Theory of Technological Platforms"

Discussants: Thorbjorn Knudsen and Francisco Lima

30 COLLABORATIONS ACROSS BOUNDARIES

Friday, June 18 at 09:00 -10:30 Room: 58 Prince's Gate, Ballroom, Chair: Sandro Montresor 31

HUNG-HSIANG KAO, JEN-FANG LEE "The Application of Shanzhai Innovation Model In China : The Examples of Mobile Phone, Notebook Computer, and Automobile"

RICHARD TEE "Coordinating Technological Collaboration In Fast Changing Environments: Understanding the Interplay Between Product and Organizational Architecture"

ANJA DETTMANN, SIDONIA VON PROFF "Inventor Collaboration Over Distance – A Comparison Of Academic and Corporate Patents"

Discussants: Boris Lokshin and Dirk Fornahl

31 MARKETS FOR TECHNOLOGIES

Friday, June 18 at 09:00 -10:30 Room: 58 Prince's Gate, Billiard Room, Chair: Stefan Bauernschuster

AMOL M. JOSHI, ATUL NERKAR "Which Technologies Get Put Up For Sale and Why? Knowledge Asset Recombinations As A Predictors of Outbound Licensing"

FLORIAN KÖHLER "Claim Amendments As the Result of Strategic Patenting and As A Driver For Patent Value"

PETER THOMPSON, JING CHEN "Employee Spinoffs and the Solipsistic Entrepreneur"

Discussants: Michael Roach, Mette Præst Knudsen

32 DYNAMICS OF REGIONAL CLUSTERS

Friday, June 18 at 09:00 -10:30 Room: Royal School of Mines, level 3, room 301D, Chair: Jesper Lindgaard Christensen 39

RON BOSCHMA, FRANK NEFFKE, MARTIN HENNING "How Do Regions Diversify Over Time? Industry Relatedness and the Development of New Growth Paths In Regions"

FIORENZA BELUSSI, SILVIA RITA SEDITA "Industrial Districts As Open Learning Systems: Combining Emergent and Deliberate Knowledge Structures"

FRANK NEFFKE, MARTIN HENNING "Seeds of Regional Structural Change. The Role of Entrepreneurs And Expanding Firms In Shaping Local Path Dependencies"

Discussants: Gil Avnimelech, Eric Brouillat

33 INNOVATION, SUSTAINABILITY AND THE ENVIRONMENT

Friday, June 18 at 09:00-10:30 Room: Royal School of Mines, level 3, room 301E, Chair: Simona Ottavia Negro 50

JOAKIM BJÖRKDAHL, MARCUS LINDER "Formulating Green Problems For Commercializing New Technologies: A Problem Solving Perspective"

SIMONA NEGRO, MARKO HEKKERT "Seven Typical System Failures That Hamper the Diffusion Of Sustainable Energy Technologies"

MAJ MUNCH ANDERSEN "On the Faces and Phases of Eco-innovation - on the Dynamics of The Greening of the Economy"

Discussants: Massimiliano Mazzanti, Susanne Jensen

34 COMMERCIALIZING INVENTIONS

Friday, June 18 at 09:00 -10:30 Room: LGR, Chair: Gautam Ahuja 13

PAUL STONEMAN, GIULIANA BATTISTI, SOURAFEL GIRMA "Measuring Innovation As the Successful Exploitation of New Ideas: an International Firm Level Panel Data Analysis"

SAMPESA SAMILA, OLAV SORENSON "Venture Capital As A Catalyst to Commercialization"

TAEHYUN JUNG, JOHN WALSH "Organizational Paths of Commercializing Patented Inventions"

Discussants: Brice A. Dattée, Jim Love

35 INDUSTRY EVOLUTION AND DYNAMICS

Friday, June 18 at 09:00 -10:30 Room: LT1, Chair: Vikas Aggarwal 27

JENS FRØSLEV CHRISTENSEN "Towards A Framework of Industry and Product Market Convergence"

MIRVA PELTONIEMI "Evolution of Video Game Devices"

PAULO N FIGUEIREDO "Uncovering the Learning Mechanisms Underlying Pathways of Disruptive Innovation Capability Accumulation in Latecomer Natural Resource-processing Firms: Evidence From Brazil"

Discussants: Gianvito Lanzolla, Paul Windrum

PARALLEL SESSIONS 5

36 SOCIAL DYNAMICS AND ENTREPRENEURSHIP

Friday, June 18 at 11:00 -12:30 Room: Imperial College, Ground Floor Lecture Theatre, Chair: Nigel Stuart Wadeson 4

ERKKO AUTIO, KARL WENBERG “You Think, Therefore, I Become: Social Attitudes and the Transition To Entrepreneurship”

NAGA LAKSHMI DAMARAJU, JAY BARNEY, GREGORY DESS “Stigma and Entrepreneurial Risk Taking”

JAGANNADHA PAWAN TAMVADA “The Dynamics of Self-employment In A Developing Country: Evidence From India”

Discussants: Riccardo Fini, Henry Sauermann

37 EXPLORATION AND ORGANIZATIONAL SEARCH

Friday, June 18 at 11:00 -12:30 Room: Imperial College, Second Floor Lecture Theatre, Chair: Dirk Fornahl 28

CHRISTIAN PICH, SIDONIA VON PROFF “Networks of Inventors”

VIKAS AGGARWAL, BRIAN WU “Cross-functional and Intertemporal Search: Firm Reorientation After An Industry Shock”

WIM VANHAVERBEKE, YING LI, VARESKA VAN DE VRANDE “The Dual Role of External Corporate Venturing In Technological Exploration”

Discussants: David Waguespack, Amit Jain

38 DISTRIBUTED AND OPEN INNOVATION

Friday, June 18 at 11:00 -12:30 Room: Imperial College, Lower Ground Square Lecture Theatre, Chair: Yannis Caloghirou 7

MARION FRENZ, RAY LAMBERT “Connected Innovation: an International Comparative Study That Identifies Mixed Modes of Innovation”

MARCEL BOGERS, STÉPHANE LHUILLERY “A Functional Perspective on Open Innovation: the Role Of R&D, Manufacturing and Marketing In Learning and Innovation”

NOMINATED FOR CBS PRESIDENT’S AWARD FOR MOST IMAGINATIVE PAPER

FINN VALENTIN, RASMUS LUND JENSEN, ANN ASSMUS “Pathways From Open Science to Invention Impact”

Discussants: Lars Frederiksen, Anja Dettmann

39 TECHNOLOGICAL AND BUSINESS DIVERSIFICATION

Friday, June 18 at 11:00 -12:30 Room: Imperial College, Lower Ground Round Lecture Theatre, Chair: Martin Henning 11

RUI BAPTISTA, MURAT KARAÖZ, JOÃO LEITÃO “Diversification by Young, Small Firms”

MARIA DEL HENAR ALCALDE “Building Product Diversification Strategy Through R&D Contractual Agreements”

MASSIMO G COLOMBO, LARISSA RABBIOSI “Technological Relatedness, Post-acquisition Reorganization And Innovation Performance: Looking Inside the Black Box”

Discussants: Ludovic Dibiaggio, Frank Neffke

40 INNOVATIONS IN MNCS

Friday, June 18 at 11:00 -12:30 Room: Imperial College, Upper Ground Floor Lecture Theatre, Chair: Jonathan David Sapsed 18

JIM LOVE, PANAGIOTIS GANOTAKIS “Learning by Exporting: Lessons From High-technology Smes”

KELD LAURSEN, LORENA M. D’AGOSTINO, GRAZIA D. SANTANGELO “The Impact of R&D Offshoring on the Home Knowledge Production of OECD Investing Regions”

LORI DIVITO, MARCELA MIOZZO “Funding Gap Or Trap? Effects of Foreign Acquisitions of Biotech Firms on Local Knowledge Transfer and Spillovers”

Discussants: John A. Mathews, Sverre Herstad

41 INDUSTRIAL DYNAMICS IN CREATIVE INDUSTRIES

Friday, June 18 at 11:00 -12:30 Room: Imperial College, First Floor Lecture Theatre, Chair: Dominic Power 24

ROMAN MARTIN, JERKER MOODYSSON “Innovation In Symbolic Industries: the Geography And Organisation of Knowledge Sourcing”

JUAN MATEOS-GARCIA, ANDREW GRANTHAM, GEORGINA VOSS, ED STEINMUELLER, JONATHAN SAPPED “Sticking to Their Guns: the Impact of the Culture and Organisational Practices of Video Games Studios on the Technological Trajectory of the Console Games Sector”

F. TED TSCHANG “The Interaction of Roles, Resources, and Organizational Structures In Creative Work”

Discussants: Jan Van Den Ende, Mark Lorenzen

42 TECHNOLOGY COOPERATION

Friday, June 18 at 11:00 -12:30 Room: 58 Prince's Gate, Ballroom, Chair: Andy Cosh 32

BORIS LOKSHIN “The Bumpy Road of Technology Partnerships:”

GLORIA SÁNCHEZ-GONZÁLEZ, LILIANA HERRERA “Cooperation With Users and Innovative Effort: An Empirical Analysis”

PETER SWANN “The Fall and Rise of the Local Brew”

Discussants: Silvia Rita Sedita, Jens K Roehrich

43 PATENT STRATEGIES

Friday, June 18 at 11:00 -12:30 Room: 58 Prince's Gate, Billiard Room, Chair: Lorenzo Zirulia 35

GAÉTAN DE RASSENFOSSE “How Much Do We Know About Firms' Propensity to Patent and Should We Worry About It?”
NOMINATED FOR THE BEST YOUNG SCHOLAR PAPER AWARD

SZABOLCS SZILARD SEBREK “Location Choices of External Technology Search: the Role of Upstream And Downstream IPR Assets”

NOMINATED FOR THE BEST YOUNG SCHOLAR PAPER AWARD

FLORIAN JELL, JOACHIM HENKEL “Triggers and Effects of Patent Strategy Change - A Case Study of A Patent Portfolio Race in the Machinery Sector”

Discussants: Rudi Bekkers, Arvids A. Ziedonis

44 REGIONAL CLUSTERS

Friday, June 18 at 11:00 -12:30 Room: Royal School of Mines, level 3, room 301D, Chair: Ron Boschma 40

GIL AVNIMELECH, MARYANN FELDMAN “The Regional Context of Corporate Spawning”

HUGUES JEANNERAT, LEÏLA KEBIR “Economic Systems of Knowledge and Regions: A Typology Based On the Analysis of Producer-consumer Relations”

JESPER LINDGAARD CHRISTENSEN “Low-tech, High-performing Clusters In Knowledge-based Economies”

Discussants: Brian Wixted, Florian Täube

45 INSTITUTIONS AND INNOVATIONS

Friday, June 18 at 11:00 -12:30 Room: Royal School of Mines, level 3, room 301E, Chair: Kristina Vaarst Andersen 44

KENNETH G. HUANG, FIONA E. MURRAY “Entrepreneurial Experiments in Science Policy: Analyzing The Human Genome Project”

KAROLINE S. ROGGE, MALTE SCHNEIDER, VOLKER H. HOFFMANN “The Innovation Impact of the EU Emission Trading System – Findings of Company Case Studies In the German Power Sector”

METTE PRÆST KNUDSEN “Why Don't They Leave Home? an Empirical Analysis of the Main Discriminators of International and Domestic Outsourcing of Production”

Discussants: David A. Wolfe, Bettina Lynda Bastian

PARALLEL SESSIONS 6

46 INDUSTRIAL AND CORPORATE CHANGE

Friday, June 18 at 15:30 - 17:00 Room: Imperial College, Second Floor Lecture Theatre, Chair: Maria Kapsali 45

DAVID A. WOLFE "Architectures of Innovation: Techno-economic Paradigms, Institutional Change And The Prospects For Growth"

STEFAN ARNE KESTING "Political Aspects of Innovation In the New Zealand Dairy Industry"

ANGELA ROCIO VÁSQUEZ URRIAGO, AURELIA MODREGO, ANDRES BARGE, EVITA PARASKEVOPOULOU "The Impact of Science and Technology Parks on Firms' Radical Product Innovation. Empirical Evidence From Spain"

Discussants: Andreas Mattig, Patrick Stacey

47 UNIVERSITIES AND SCIENTISTS

Friday, June 18 at 15:30 - 17:00 Room: Imperial College, Lower Ground Round Lecture Theatre, Chair: Arlindo Villaschi 23

CAROLIN HAEUSSLER, LIN JIANG, JERRY THURSBY, MARIE THURSBY "Specific and General Information Sharing Among Academic Scientists"

ROBERT HUGGINS, HIRO IZUSHI, DANIEL PROKOP "University-industry Networks: Interactions With Large R&D Performers"

ALEXANDER OETTL "Productivity and Helpfulness: Implications of A New Taxonomy For Star Scientists"

Discussants: Tim Kastelle, Stefan Krabel

48 COLLABORATIVE DEVELOPMENT

Friday, June 18 at 15:30 - 17:00 Room: Imperial College, Ground Floor Lecture Theatre, Chair: Pierre Barbaroux 33

ANDREA MINA, DAVID CONNELL, ALAN HUGHES "Models of Technology Development In Intermediate Research Organisations"

MI-AE JUNG, JOSEPH WONG "Pathways to Bio-industry Development: Institutional Changes In The Global Economy"

CATHERINE BEAUDRY, MAXIME CLERK-LAMALICE "Grants, Contracts and Networks: What Influences Biotechnology Scientific Production?"

Discussants: Joachim Henkel, Stefano Micelli

49 EMERGENCE AND EVOLUTION OF CLUSTERS

Friday, June 18 at 15:30 - 17:00 Room: Imperial College, First Floor Lecture Theatre, Chair: Silvia Rita Sedita 41

BRIAN WIXTED, ADAM HOLBROOK "Living on the Edge: Globalisation of Emerging Human Capital Intensive Clusters In Vancouver"

CHRISTIAN RICHTER OESTERGAARD, JACOB RUBAEK HOLM "Sources of Regional Resilience In The Danish ICT Sector"

FLORIAN TÄUBE, PETRA SONDEREGGER, AMIT KARNA "Evolution of A Global Cluster Through Local And Diaspora Ties: A Case Study of Bangalore Information Technology Cluster"

Discussants: Anne Ter Wal, Philipp Meyer

50 INTERNATIONALIZATION AND KNOWLEDGE FLOWS

Friday, June 18 at 15:30 - 17:00 Room: 58 Prince's Gate, Ballroom, Chair: Margaret Dalziel 47

MARIYA TETERYATNIKOVA "R&D In the Network of International Trade"

ANDREW JOEL NELSON "Do Technology Transfer Metrics Distort Knowledge Transfer Processes? Assessing Different Views of the Production and Diffusion of University-generated Knowledge"

Discussants: Oliver Alexy, Peter Swann

51 ENTREPRENEURSHIP, EMPLOYMENT AND PROFITABILITY

Friday, June 18 at 15:30 - 17:00 Room: 58 Prince's Gate, Billiard Room, Chair: Scott Shane 48

ELEONORA BARTOLONI "Firm Innovation in the Italian Industrial Sector: Profitability and Persistence"
NOMINATED FOR THE BEST YOUNG SCHOLAR PAPER AWARD

PERNILLE G. JENSEN, MICHAEL S. DAHL "The Growth and Job Creation of Spin-offs: Empirical Evidence on Denmark"

RUI BAPTISTA, FRANCISCO LIMA, MIGUEL TORRES PRETO "Is There A Match between Entrepreneurs And Workers? Evidence From Small Firms"

Discussants: Sarah M. G. Othner, Jerry Thursby

PLENARY SPEAKERS

WELCOME AND OPENING STATEMENT

Wednesday, June 16, 09:00-09:30, Room: Ondaatji Lecture Theatre, Royal Geographical Society



PETER MASKELL
Director of DRUID

Peter Maskell is professor at Copenhagen Business School and Director of DRUID. He is member of Academia Europea and chairman of the Governing Board of DIME – the EU Network of Excellence on Dynamics of Institutions and Markets in Europe. He has published several books and numerous papers within economic geography, innovation and strategy. He has an extensive record as governmental policy advisor and as chair of the board of Scandinavian corporations. He is former chairman of the Danish Social Science Research Council.



SIR KEITH O'NIONS
Rector of Imperial College London

Sir Keith O'Nions (born 26 September 1944), is a British scientist, formerly Director General of the Research Councils as well as Professor of the Physics and Chemistry of Minerals and head of the Department of Earth Sciences at the University of Oxford.

He studied geology as an undergraduate at the University of Nottingham, receiving a PhD at the University of Alberta before taking up a postdoctoral position at the University of Oslo. He taught geochemistry at the University of Oxford from 1971 to 1975, when he became a professor of geology at Columbia University, a post he held until 1979 when he became a Royal Society Research Professor at the University of Cambridge. He remained there until 1995, when he returned to Oxford to take up the professorship.

He was knighted in 1999, and from 2000 to 2004 he was Chief Scientific Adviser to the Ministry of Defence. After a period as Director General of the Research Councils, he was appointed to lead the newly formed Institute for Security Science and Technology at Imperial College, London in July 2008. On 1 January 2010, following the resignation of Sir Roy Anderson, he became the acting Rector of Imperial College London.



Keynote:
DANIEL A. LEVINTHAL

"REVISITING THE PROBLEM OF ORGANIZATIONAL GOALS: FROM PROBLEMS OF CONFLICT TO PROBLEMS OF DIRECTION"

Wednesday, June 16, 09:30-10:30

Room: Ondaatji Lecture Theatre, Royal Geographical Society

Chair: Ammon Salter

Daniel Levinthal is the Reginald H. Jones Professor of Corporate Strategy at the Wharton School, University of Pennsylvania and is the current chair of the Management Department at Wharton. Professor Levinthal's research focuses on questions of organizational adaptation and industry evolution, particularly in the context of technological change.

PLENARY SESSION A: UNDERSTANDING OPEN AND DISTRIBUTED INNOVATION

(Sponsored by the UK Innovation Research Centre)

Room: Ondaatji Lecture Theatre, Royal Geographical Society



CARLISS Y. BALDWIN

Carliss Y. Baldwin is the William L. White Professor of Business Administration at the Harvard Business School. With Kim B. Clark, she is involved in a multi-year project to study the process of design and its impact on the structure of the computer industry. She and Clark have authored *Design Rules, Volume 1: The Power of Modularity*, the first of a projected two volumes on this topic. Volume 2, in progress, will focus on Architecture and Strategy.

Baldwin received a bachelor's degree in economics from MIT in 1972, and MBA and DBA degrees from Harvard Business School. She developed and taught *Mergers & Acquisitions*, a second-year MBA course.

She has served on numerous corporate and non-profit boards. Within Harvard University, she is a member of the Visiting Committee of the Harvard Graduate School of Design and serves on the policy and admissions committee of the joint Ph.D program in Information Technology and Management. She lives in Brookline, Massachusetts, with her husband, Randolph Hawthorne.



DAVID WAGUESPACK

David M. Waguespack is an Assistant Professor of Management & Organization at the Robert H. Smith School of Business at the University of Maryland. His research focuses on the relationship between social networks, status structures, and innovation and performance. He pursues these topics in the domains of film production and distribution, internet technology development, venture capital, Olympic sports, international patenting, and environmental management. His research articles have been published in venues such as *Administrative Science Quarterly*, *Research Policy*, *Organization Science*, and *Management Science*. Professor Waguespack currently serves on the editorial boards of *Organization Science* and *Management Science*.



JOACHIM HENKEL

Joachim Henkel is a professor of technology and innovation management at Technische Universität München. His research focuses on open source software, user innovation, patent infringements, and profiting from innovation. His work has been published in *Entrepreneurship Theory and Practice*, *Harvard Business Review*, *Industrial and Corporate Change*, *Journal of Business Venturing*, *Rand Journal of Economics*, *Research Policy*, and *Strategic Management Journal*. He was a visiting scholar at University College London, at Massachusetts Institute of Technology, and at Harvard Business School. Joachim Henkel received a degree in physics from the University of Bonn, a Ph.D. in economics from the University of Mannheim, and was an assistant professor (Habilitation) at Ludwig-Maximilians-University Munich. After his Ph.D., he worked for two years with the consulting firm Bain & Company. Joachim Henkel is married and has two children.

PLENARY SESSION B: CAPABILITIES AND NEW VENTURES

Room: Ondaatji Lecture Theatre, Royal Geographical Society



JACK A. NICKERSON

Jackson Nickerson is the Frahm Family Professor of Organization and Strategy at the Olin Business School, Washington University in St. Louis. He also is a non-resident Senior Scholar in Governance Studies at the Brookings Institution, and the Director of Brookings Executive Education. His research focuses on leadership issues around why firms choose different organizational structures and the performance implications of these choices; with a special emphasis on knowledge, innovation, critical thinking, and problem solving. Jackson consults with numerous for-profit, not-for profit, and governmental organizations and is the author “Leading Change in a Web 2.1 World,” which will be on bookstore shelves by September, 2010. Jackson is a director of the publicly listed company Clean-Tech Biofuels and nformd.net, a privately held new media company.



CHRISTOPH ZOTT

Christoph (“Chris”) Zott (Ph.D., 1999, University of British Columbia, Canada) is a Professor of Entrepreneurship at IESE Business School in Barcelona / Spain, which he joined in 2008, after ten years of serving on the entrepreneurship faculty of INSEAD (Fontainebleau / France). His current research centers on resource management in entrepreneurial firms, on the design of value-creating business models, and on private equity. Chris has published on these and other topics that lie at the intersection of strategy and entrepreneurship in academic journals such as the Administrative Science Quarterly, Journal of Business Venturing, Organization Science, and the Strategic Management Journal. He is currently a member of the Editorial Boards of the Strategic Entrepreneurship Journal and of the Journal of Business Venturing. He has previously served on the Editorial Board of the Academy of Management Review, and as an Associate Editor for Management Science. Chris is currently the elected Associate Program Chair of the Entrepreneurship and Strategy Interest Group of the Strategic Management Society.



ZOLTÁN J. ACS

Zoltan J. Acs is University Professor at the School of Public Policy and Director of the Center for Entrepreneurship and Public Policy at George Mason University. He is a visiting professor at Imperial College London, a Research Scholar at the Max Planck Institute for Economics in Jena, Germany, and Scholar-in-Residence at the Kauffman Foundation. He is coeditor and founder of Small Business Economics, the leading entrepreneurship and small business publication in the world. Dr. Acs is a leading advocate of the importance of entrepreneurship for economic development. He received the 2001 International Award for Entrepreneurship and Small Business Research, on behalf of The Swedish National Board for Industrial and Technical Development. His most recent publication in Entrepreneurship, Growth and Public Policy, Edward Elgar.

PLENARY SESSION C: ORGANIZING FOR INNOVATION

(Sponsored by UK Innovation Research Centre)

Room: Ondaatji Lecture Theatre, Royal Geographical Society



MARTIN KILDUFF

Martin Kilduff (Ph.D., Cornell) is Diageo Professor of Management Studies at Judge Business School, Cambridge University, and former editor of AMR. Previously he served on the faculties of University of Texas at Austin, Penn State, and Insead. His work focuses on social networks and includes the co-authored books *Social Networks and Organizations* (Sage: 2003); and *Interpersonal networks in organizations: Cognition, personality, dynamics and culture* (Cambridge University Press: 2008). Current research relates personality to network structure (e.g., JAP, 2008) and perceived networks to actual networks (e.g., OBHDP, 2008). He is co-author of a major review of social network research forthcoming in *Academy of Management Annals*.



SIMONI FERRIANI

Associate Professor of Management at the University of Bologna and Honorary Visiting Professor at Cass Business School, City University London. Simone Ferriani received his PhD from the Management Department of the University of Bologna, with a concentration in interorganizational networks and small firms clusters. He has been a visiting scholar at the Wharton School, University of Pennsylvania and at the Stern School of Business, New York University. After obtaining the PhD he was a Marie Curie Fellow at Cass Business School. He is also an AIM Fellow and a lifetime member of Clare-Hall College in Cambridge. His research interests include entrepreneurship, creativity, and social networks.



BRUCE TETHER

Bruce Tether is Professor of Design and Innovation at Imperial College London, the leader of the design-innovation research team at Imperial College Business School, the Research Director of Design London - a joint venture between Imperial College and the Royal College of Art (RCA), and a Fellow of the UK's Advanced Institute of Management Research (AIM). He is also a member of the executive management board of the UK Innovation Research Centre (UK-IRC), a joint venture between Cambridge University and Imperial College London. He has also served as a high-level expert to, amongst others, the European Commission (DG Enterprise), the UK Government's Department of Business Innovation and Skills, and The Royal Society.

PLENARY SESSION D: LEARNING AND KNOWLEDGE

Room: Ondaatji Lecture Theatre, Royal Geographical Society



JAIDEEP ANAND

Jaideep (Jay) Anand is Professor of Corporate Strategy and International Business at the Fisher College of Business, Ohio State University. Previously, Jay has taught at the University of Michigan, Ivey Business School in Canada, and at the Wharton School, University of Pennsylvania. He is also a research fellow and faculty associate at the William Davidson Institute for the study of emerging economies at the University of Michigan. He earned a B.Tech. in Mechanical Engineering from the Indian Institute of Technology, New Delhi, India, and master's and Ph.D. degrees from the Wharton School. His interests include corporate growth, mergers & acquisitions, joint ventures & strategic alliances, international strategies and strategy implementation.



PHANISH PURANAM

Phanish Puranam is Professor of Strategic and International Management at the London Business School. He holds a London Business School Term Chair and is also Co-Director of the Aditya Birla India Centre at the School, which functions as the nodal point for the School's India related activities.

Phanish's research interests centre on the design of collaborative structures- between firms as well as between units within a firm. In particular, he focuses on problems of coordination that arise in such situations, and how they are managed. He is currently working on a series of theory development projects on "The Foundations of Organization Design" funded competitively by the European Research Council (380,000 Euros over three years). He is also guest editor of a special issue of the Strategic Management Journal on the "Design of Strategic Organizational Architecture", to appear in 2012.

Phanish obtained his PhD at the Wharton School of the University of Pennsylvania, and joined the faculty of London Business School in 2001. He has served on the editorial boards of the Academy of Management Review and the Strategic Management Journal and is a Senior Editor at Organization Science.



JAIDEEP PRABHU

Jaideep Prabhu is Jawaharlal Nehru Professor of Indian Business and Enterprise and Director of the Centre for India and Global Business at the Judge Business School, University of Cambridge. He has held academic positions at Imperial College London, Tilburg University, and UCLA. He has a B.Tech degree from the Indian Institute of Technology, New Delhi, and a PhD from the University of Southern California. He is on the editorial board of the Journal of Marketing, the Journal of the Academy of Marketing Science, the International Journal of Research in Marketing, and the Journal of Management Studies, and is on the senior advisory board of the European Journal of Marketing. His work has been published in the Journal of Marketing Research, Journal of Marketing, International Journal of Research in Marketing, Journal of Behavioral Decision Making and Industrial Marketing Management among others.

DRUID DEBATE ON ENTREPRENEURSHIP

Room: Ondaatji Lecture Theatre, Royal Geographical Society

MOTION:

Let it be resolved that this conference believes that a significant part of entrepreneurship is innate (to be finalized by the debaters)

SPEAKING FOR THE MOTION:



NICOLAS NICOLAOU

Nicos Nicolaou is a Lecturer in Management at the Department of Public and Business Administration at the University of Cyprus and a Visiting Fellow at the Innovation & Entrepreneurship Group, Imperial College London. He has published in journals like Management Science, Journal of Applied Psychology, Organizational Behavior and Human Decision Processes, Strategic Entrepreneurship Journal, Journal of Business Venturing, Human Resource Management and others. His research has been cited on the CNN, BBC, USAToday, Reuters, Washington Post, Daily Telegraph, MSNBC etc. Nicos has a PhD from Imperial College London, a Master's degree from the University of Cambridge and a BSc with First Class Honours from the University of Bristol.



SCOTT SHANE

Scott Shane has written extensively about entrepreneurship and innovation. His book *Illusions of Entrepreneurship: The Costly Myths That Entrepreneurs, Investors, and Policy Makers Live by* (Yale University Press, 2008) was one of the top ten business books of the year for Amazon.com. His 2005 book *Finding Fertile Ground: Identifying Extraordinary Opportunities for New Businesses* won the 2006 Golden Book Award for best business book of the year and has been translated into eight languages. His most recent book is *Born Entrepreneurs, Born Leaders: How Your Genes Affect Your Work Life*. Shane was the 2009 winner of the Global Award for Entrepreneurship Research, the most prestigious award in this academic field. He also writes a regular column for BusinessWeek small business online.

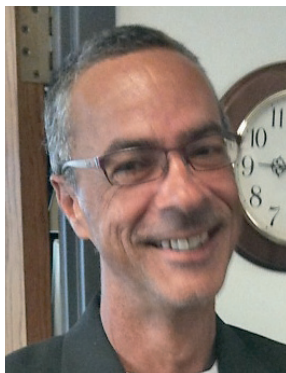
SPEAKING AGAINST THE MOTION:



ALFONSON GAMBARDELLA

Alfonso Gambardella (PhD, Stanford 1991) is Professor of Corporate Management at the Università Commerciale “Luigi Bocconi”, Milan, Italy. He is Editor of the European Management Review (starting Jan 1, 2009) and Associate Editor of Industrial & Corporate Change and Research Policy. He published books and articles on the economics and management of innovation.

His website is www.alfonsogambardella.it



PETER THOMPSON

Peter Thompson is Professor of Economics at Florida International University. He has conducted research in a number of distinct areas, including endogenous growth theory, industry dynamics, economic geography and, most recently, the economics of entrepreneurship.

DRUID DEBATE ON UNIVERSITY PATENTING

(Sponsored by the European Science Foundation)

Room: Ondaatji Lecture Theatre, Royal Geographical Society

MOTION:

“Let it be resolved that this conference believes that University Patenting increasingly impede knowledge sharing and overall economic growth”

SPEAKING FOR THE MOTION:



MARTIN KENNEY

Martin Kenney is professor at the Department of Human and Community Development, University of California, Davis.

ARVIDS A. ZIEDONIS

Arvids Ziedonis is an Assistant Professor of Strategy at the Stephen M. Ross School of Business at the University of Michigan. He received his Ph.D. in Business and Public Policy from the Haas School of Business at the University of California, Berkeley, in 2001.

Prior to joining the University of Michigan faculty in 2002, Professor Ziedonis was a Senior Fellow in the Management Department at the Wharton School of the University of Pennsylvania and remains affiliated with Wharton's Mack Center for Technological Innovation.



Professor Ziedonis' research interests are centered on understanding the factors that influence the acquisition and commercialization of embryonic technologies by firms. Current areas of research activity include understanding the institutional and environmental factors that influence innovative activity, the mechanisms firms use to acquire new technologies and manage knowledge flows, and the empirical measurement of innovative activity. His research has been published in management journals including *Management Science* and *Research Policy*. With co-authors David C. Mowery, Richard R. Nelson, and Bhaven N. Sampat, he recently published a book on the commercialization of academic research, *Ivory Tower and Industrial Innovation* (Stanford University Press, 2004).

Professor Ziedonis has developed an MBA course in strategy for the commercialization of new technologies. He also teaches an MBA course and a PhD seminar in corporate strategy at Michigan.

SPEAKING AGAINST THE MOTION:



MARIE THURSBY

Dr. Marie Thursby is currently a Professor of Strategic Management and holds the Hal and John Smith Chair in Entrepreneurship at the College of Management, Georgia Institute of Technology, as well as an adjunct professorship in Economics at Emory University.

She is the founding Director of a graduate certificate program at Georgia Tech and Emory University called Technological Innovation: Generating Economic Results (TI:GER®). Designed for doctoral students in science, engineering, and management and MBA students from Georgia Tech, as well as JD and doctoral students in law and economics from Emory, the program connects integrated research in diverse technology fields with the business, legal, and organizational issues important for understanding commercialization of fundamental research. The program is funded by the National Science Foundation, Warren Batts, Rich and Donna Crutchfield, the Alan and Mildred Peterson Foundation, and Hal and John Smith.



She has been a research associate of the National Bureau of Economic Research for twenty years and serves on several major journal editorial boards, including Management Science and the Journal of Technology Transfer.

Thursby has published extensively on the economics of innovation, with particular emphasis on the industrial impact of university research, international R&D competition, and optimal license strategies. Other research interests include international economics and industrial organization, with a focus on how government policies and industry interact to determine competitiveness. She has received research funding from the Alan and Mildred Peterson Foundation, the Alfred P. Sloan Foundation, the Ewing Marion Kauffman Foundation, the Ford Foundation, General Motors Corporation, the National Science Foundation, and the U.S. Department of Agriculture. Professor Thursby has held faculty appointments at University of Michigan, Ohio State University, Syracuse University, and North Carolina State University.

BEN MARTIN

Ben Martin is Professor of Science and Technology Policy Studies at SPRU at the University of Sussex. He was Director of SPRU from 1997 to 2004. He has carried out research for 30 years in the field of science policy, helping to establish techniques for the evaluation of research, and pioneering the notion of 'foresight' as a tool for looking into the longer-term future of science and technology. He is Editor of Research Policy.

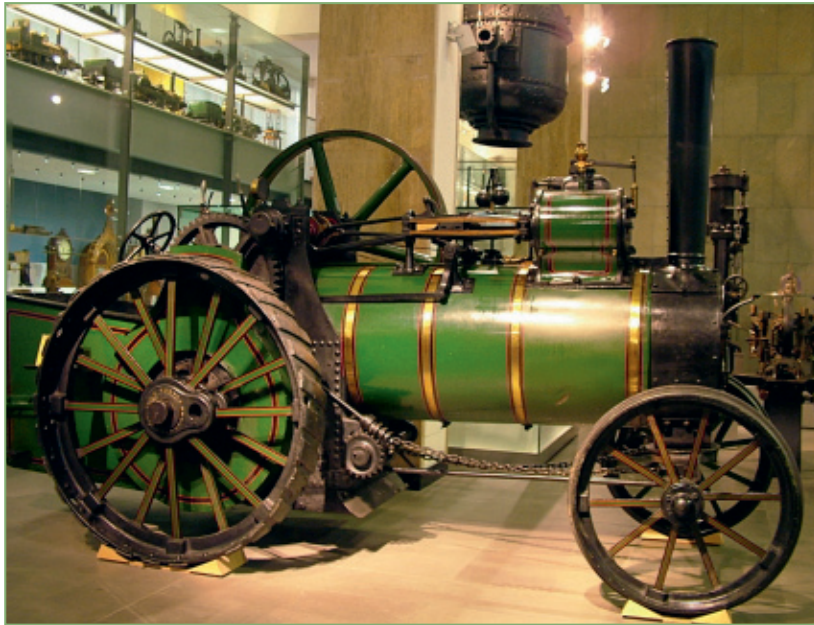
SOCIAL PROGRAM

WELCOME DINNER

**Wednesday, June 16,
19:15-22:00**

The **Tower Rooms** is the venue for the Welcome Dinner, Wednesday, June 16, at 19:15 - 22:00. The Tower Rooms is located adjacent to the Queen's Lawn and entrance to the Welcome Dinner will be located near to the Queen's Tower.





DRUID TOURS

**Thursday, June 17,
13:30-15:30**

The Science Museum

The Science Museum is situated on Exhibition Road, approximately 3 minutes from South Kensington Station and 2 minutes from the Royal Geographical Society. It is the venue for the tour on afternoon of the 17th June.

Theme is British Innovation told through 7-8 key objects in one hour, and we'll cover the main galleries, plus flight and material science

Founded in 1857, The Science Museum was created to contain the objects displayed at Prince Albert's Great Exhibition in 1851. Throughout the 1860s and 1870s the museum expanded its collection to include everything from ship models to scientific instruments. Finally, in 1910 the Science Museum was given its official title and remit. The Museum celebrates its centenary this year as a world renowned repository for historic collections, awe-inspiring galleries and inspirational exhibitions.



WALK IN HYDE PARK

The Albert Memorial

The Albert Memorial is a tribute to Prince Albert, beloved consort of Queen Victoria, who died, age 42, of typhoid in 1861. Commissioned by the grieving Queen, it was designed by George Gilbert Scott and was unveiled in 1872, with the gold statue of Prince Albert added in 1875. The memorial is 176 feet tall and cost £120,000. At the corners are four additional statues of Europe, Asia, Africa and The Americas representing the reach of the British Empire at the time.

Kensington Palace

Kensington Palace was the childhood home of Queen Victoria and more recently the late Diana, Princess of Wales. Originally built in the 17th century, the palace has housed many members of the Royal family, and was improved by famous architect Sir Christopher Wren. In 1819 Queen Victoria, Britain's longest reigning monarch (1837-1901), was born in the Palace and was there when she learnt that she had acceded to the throne. The Palace is now managed by Historic Royal Palaces and is open to visitors from 10am. Please note, there is an entrance fee for the Palace.

The Round Pond

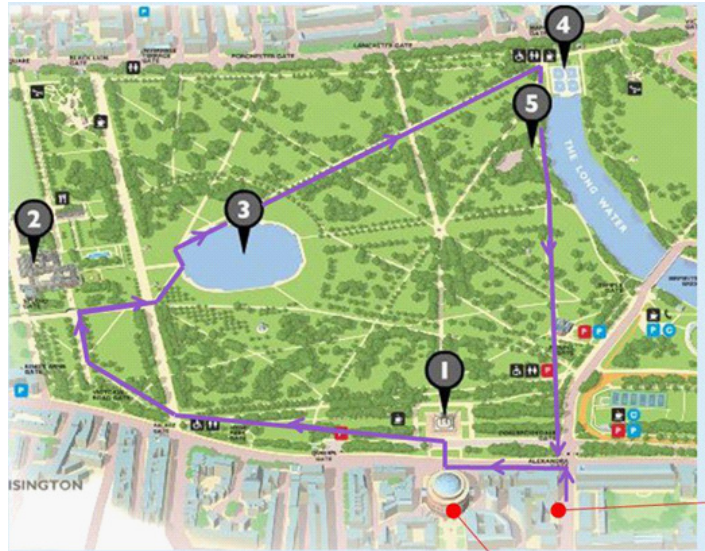
Although started in 1689 by King William and Queen Mary, Kensington Gardens was significantly remodelled by Queen Caroline, wife of George II. She added the Round Pond and united several smaller ponds to form the Serpentine lake. The 5 meter deep Round Pond sits in front of Kensington Palace and regularly attracts local children sailing model boats.

The Italian Gardens

The Italian Gardens are on the north edge of the park, and contain 4 octagonal ponds with fountains. The stone urns surrounding the plaza are decorated with dolphins and Grecian figures. At the south end of the Italian Gardens the water cascades down a sculpture of water nymphs by John Thomas into the Long Water. The gardens were originally planned by Prince Albert, and commissioned by Queen Victoria, who completed them after his death. Sir James Pennethorne was the architect and landscaper, whilst Sir Charles Barry, Robert Richardson Banks and John Thomas designed several elements including the shelter and sculptures. Particularly notable is the statue of physician Edward Jenner, who discovered a cure for smallpox, which was relocated from Trafalgar Square to the Gardens in 1862.

The Peter Pan Statue

The statue of Peter Pan represents a fictional character created by Edwardian author J. M. Barrie, cast in Bronze in 1912. The statue was designed by George Frampton and was donated to the Park by Barrie to stand exactly in the spot described in his original story. Two years later, Barrie wrote the more famous Peter Pan adventure, which included the Tinkerbell and Captain Hook characters, later animated by Disney. The statue was placed secretly in the park one evening in 1912, announced only in The Times, apparently as a gift to the children using the park. Controversy resulted however with questions asked in Parliament about whether authors should allow self-promotion in a public park. Replica statues now stand in Liverpool, Canada, Brussels, Australia and New Jersey.



CONFERENCE DINNER

Thursday, June 17, at 19:15 – 22:00

Dress Code: Nice Casual



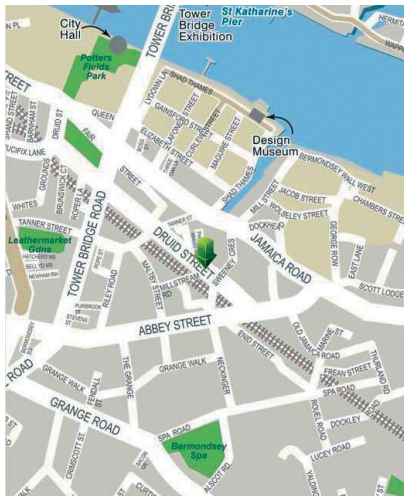
The Natural History Museum

The Natural History Museum is situated on Exhibition Road, approximately 2 minutes from South Kensington Station and 3 minutes from the Royal Geographical Society. It is the venue for the conference dinner on the evening of June 17.

The Natural History Museum building was the result of an architectural competition in 1864. The winning designer was Captain Francis Fowke who died shortly afterwards. Alfred Waterhouse substantially revised the Fowke's plans. Work began in 1873 and opened officially in 1881. The central axis of the museum is aligned with the tower of Imperial College London (formerly the Imperial Institute) and the Royal Albert Hall and Albert Memorial further north. These all form part of the complex known colloquially as Albertopolis.

DRUID 2010 FAREWELL PUB PARTY

Friday, June 18, 19:30-?



The DRUID 2010 Farewell Pub Party will most likely take place at 21 Druid Street, Southwark. At DRUID street 21, you will find the Pub "The Marquis Of Wellington".

A modest meal will be available for participants signing up for the event on arrival. At the pub it will be possible to watch 2010 FIFA World Cup matches (football/soccer) but there is also room for F2F communication.



True to tradition, the DRUID farewell party will of course also host a great live band. We are happy to be able to present the DEODATO SIQUIR TRIO, featuring one of the world's best drummers and singers (www.myspace.com/deodatosiquir).

The closest London Underground stations to DRUID St. are South Bermondsey or London Bridge (both 10-12 minutes walk from the pub)

NOMINEES FOR THE DRUID DISSERTATION AWARD 2009-2010



Paper No. 1:

STEFAN BAUERNSCHUSTER:

“Empirical Strategies in Entrepreneurship and Innovation Research”

Friedrich-Schiller Universität Jena, Germany

SUPERVISORS:

Professor David Audretsch, University of Indiana in Bloomington, USA

Professor Dr. Oliver Kirchkamp, Friedrich-Schiller Universität Jena, Germany

ASSESSMENT COMMITTEE:

Professor David Audretsch

Professor Dr. Oliver Kirchkamp

Professor Dr. Bernd Hüfner

Professor Dr. Hans-Walter Lorenz

Professor Dr. Peter Kischka



Paper No. 2:

AMIT JAIN:

“Neutrality and the Evolvability of Organizations. NK Model Simulations and Statistical Analysis of Knowledge Trajectories Using Biotechnology Patents”

INSEAD

SUPERVISOR

Professor Dr. Bruce Kogut, Columbia University

ASSESSMENT COMMITTEE

Professor Bruce Kogut (Chair)

Professor Jasjit Singh

Professor Karel Cool

Professor Peter Zemsky



Paper No. 3:

MATTHEW MARX:

“Essays on Employee Non-Compete Agreements”

MIT Sloan School of Management, Technological Innovation, Entrepreneurship, and Strategic Management (TIES) Group, <http://www.mit.edu/~mmarx>

SUPERVISOR:

Lee Fleming, Harvard Business School

ASSESSMENT COMMITTEE:

Professor Lee Fleming, Harvard Business School

Professor Josh Lemer, Harvard Business School

Professor Rakesh Khurana, Harvard Business School

NOMINEES FOR CBS'S PRESIDENTIAL AWARD FOR MOST IMAGINATIVE PAPER

**Paper No. 1:****PAUL WINDRUM AND LAWRENCE GREEN:**

"The Role of Design in Product Innovation: Design Frames and the Development of the Portable Computer"

PAUL WINDRUM: Nottingham University Business School,
<http://www.nottingham.ac.uk/business>
Homepage: <http://www.nottingham.ac.uk/business/lizjpw.html>

LAWRENCE GREEN: Nottingham University Business School
<http://www.nottingham.ac.uk/business>

**Abstract**

The paper discusses the strategic importance of design in product innovation. Technological downscaling in microprocessors and storage media has decoupled the design and ergonomic features (size, weight, and user interfaces) of consumer electronic products from these technologies. Competitive advantage and product innovation focuses on the development of design frames that embody specific sets of design and ergonomic characteristics, as well as technical characteristics. Our study of portable computers highlights the role played by the clamshell design frame in driving the trajectory of product innovation in that sector. Statistical analysis is performed on a data set of portable computer characteristics for the period 1993 to 1997. Using principal components analysis we identify distinct sets of ergonomic and technology characteristics. Hedonic price models are estimated using these clusters. The findings indicate that long term success depends on the strategic harnessing and integration of inputs from designers and R&D engineers within the product innovation process.



Paper No. 2:
FRANK NEFFKE AND MARTIN HENNING:
“Skill relatedness and firm diversification”

FRANK NEFFKE: Erasmus School of Economics
(<http://www.eur.nl/ese>)
Department of Applied Economics
(http://www.eur.nl/ese/over_ese/toegepaste_economie/)
Homepage: <http://www.frankneffke.com/>



MARTIN HENNING: Department of Human Geography, Lund University, Sweden
www.keg.lu.se
Homepage: <http://www.keg.lu.se/html/person.aspx?ID=43>

Abstract

Human capital and skills are the prime resources in modern economies. The competitive advantage of firms and even of entire countries crucially depends on the capabilities of the workforce. This human capital is often specific to the job of an individual. When changing jobs, an employee often has to accept that a significant part of his or her acquired skills will become obsolete. This is especially true when an employee moves to another industry. However, such destruction of human capital can be limited by moving to related industries. Therefore, cross-industry labor flows should be stronger the more related the industries are. Based on this observation, we develop a method to measure skill-relatedness between industries using detailed information on cross-industry labor flows. This allows us to conceptualize the entire economy as a network of industries that are connected to one another in terms of similarities in the human capital they use. We test the empirical validity of this skill-relatedness index by investigating corporate diversification patterns. Controlling for value chain linkages, we find that firms are over 100 times more likely to diversify into skill-related industries than into skill-unrelated industries as defined by our index.

**Paper No. 3:****MARCEL BOGERS AND STÉPHANE LHUILLERY:****“A Functional Perspective on Open Innovation: The Role of R&D, Manufacturing and Marketing in Learning and Innovation”****MARCEL BOGERS:** University of Southern Denmark, Mads Clausen Institute for Product Innovation, SPIRE Center

(http://www.sdu.dk/SPIRE)

Homepage: http://www.sdu.dk/staff/bogers.aspx

**STÉPHANE LHUILLERY:** EPFL-CDM-CEMI

(http://cemi.epfl.ch)

Homepage: http://people.epfl.ch/stephane.lhuillery

Abstract

While internal research and development (R&D) has been extensively explored as a source of learning and innovation, the role of other functional areas has received relatively little attention. Moreover, extant research has largely focused on internal development of and external search strategies for product innovation, while process innovation as well as the interaction between these two types of innovation have been largely neglected. In this paper, we explore how the functional areas of manufacturing and marketing complement R&D in contributing to both product and process innovation. Furthermore, because there is relatively little known about how firms' internal organization supports open search strategies, we particularly investigate how these functional areas rely on distinct external knowledge sources for their innovative contribution. Using survey data and multi-equation regression, we show how R&D, manufacturing and marketing contribute differently to product and process innovation by relying on particular and distinct sources of external knowledge. We moreover find strong evidence for complementarities between the functional areas, both within and across product and process innovation. By providing a more holistic and functional perspective on learning and innovation, we advance the understanding of the role of functional areas in firms' openness for innovation.

NOMINEES FOR DRUID BEST PAPER AWARD 2010



Paper No. 1:

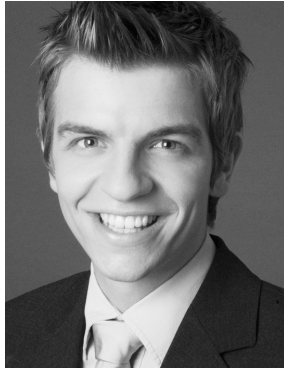
CARLISS BALDWIN:

“The Strategic Use of Architectural Knowledge by Entrepreneurial Firms”

CARLISS BALDWIN: Harvard Business School

ABSTRACT:

This paper describes how entrepreneurial firms can use superior architectural knowledge of a technical system to gain strategic advantage. The strategy involves, first, identifying “bottlenecks” in the existing system, and then creating a new architecture that isolates the bottlenecks in modules. An entrepreneurial firm with limited financial resources can then focus on supplying superior bottleneck components, and while outsourcing non-bottleneck components. I show that a firm pursuing this strategy will have a higher return on invested capital (ROIC) than competitors with a less modular design. Over time, the focal firm can drive the ROIC of competitors below their cost of capital, causing them to shrink and possibly exit the market. The strategy was used by Sun Microsystems in the 1980s and Dell Computer in the 1990s.

**Paper No. 2:****DIRK DEICHMAN AND JAN VAN DEN ENDE:**

“Plug the Experiences of the Past and Play to Succeed: How Learning Unfolds in Proactive Creative Initiatives”

DIRK DEICHMAN: Rotterdam School of Management
Homepage: <http://www.rsm.nl/home/faculty>

JAN VAN DEN ENDE: Rotterdam School of Management
Homepage: http://www.rsm.nl/home/faculty/academic_departments/technology_and_innovation/faculty/faculty/van_den_ende

**ABSTRACT:**

We investigate how failure and success experiences infused through relational patterns around proactive people influence a) their inclination to take new proactive initiatives and b) performance of those future activities. Using data of 1,985 ideas suggested over the course of 12 years by 996 proponents we find confirmation for our theory that proactive initiator's failure experiences increase the likelihood of repeat efforts and that involving successful initiators increases performance of those initiatives. Moreover, network stability increases the learning effects of past successes. Our findings point towards the challenge of balancing different learning behaviors to stimulate both serial and superior proactivity.

**Paper No. 3:****KONSTANINOS GRIGORIOU AND FRANK T. ROTHÄRMEL:****“Organizing for Adaptation: Innovative Capabilities, Relational Stars, Coordination Costs, and Boundary Choices”****KONSTANINOS GRIGORIOU:** College of Management, Georgia Institute of Technology <http://mgt.gatech.edu>Homepage: <http://mgt.gatech.edu/directory/phd/grigoriou/index.html>**FRANK T. ROTHÄRMEL:** College of Management, Georgia Institute of Technology <http://mgt.gatech.edu>Homepage: <http://mgt.gatech.edu/rothaermel>**ABSTRACT:**

Under circumstances of disruptive technological change, incumbent firms often adapt to the changing environment using exploration alliances to access basic science underlying the new technology. Despite high asset specificity and uncertain outcomes these governance structures remain popular among incumbents and persist even after the development of internal innovative capabilities. To resolve the puzzle, we look at the internal organization of incumbents and identify the origins of their innovative capabilities at the individual level. We develop a taxonomy of individuals representing different degrees of individual productivity achieved at varying levels of coordination costs (i.e. relational stars) to emphasize the productive and social aspects of their skills. Conceptualizing innovation as a process of knowledge production and recombination, we hypothesize that incumbents are more likely to enter exploration alliances when they lack sustainable knowledge generation capabilities as reflected on their individuals and that cost economizing considerations operate at the origins of those capabilities constraining the pure capability logic. We show that incumbents' boundary choices to govern innovative capability development depend on comparative assessments of internal organization, human resource attributes, capabilities, and coordination costs. Highlighting the role of coordination costs as a component of innovative capability building efforts, we explicate the relationship between internal skills and costs by examining them simultaneously as they leverage each other and co-evolve.

**Paper No. 4:****JOACHIM HENKEL, THOMAS RØNDE AND MARCUS WAGNER:****“And the Winner is – Acquired. Entrepreneurship as a Contest with Acquisition as the Prize”**

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**ABSTRACT:**

Motivated by a qualitative empirical study of the Electronic Design Automation Industry, we analyze a two-stage innovation game between an incumbent and a larger number of entrants. In the first stage, firms compete to develop innovations of high quality. They do so by choosing the risk level of their R&D approach, where higher success probability goes along with lower value in case of success. In the second stage, successful entrants bid to be acquired by the incumbent. Since entrants cannot survive on their own, being acquired amounts to a ‘prize’ in a contest. In line with empirical observation, we identify an equilibrium in which the incumbent chooses the least risky project. Entrants pick projects of pairwise different risk levels, and the larger the number of entrants, the riskier the most risky project becomes. Generally, entrants tend to choose riskier R&D approaches and are more likely to generate the highest-value innovation. Thus, entrants’ need to be acquired yields yet another explanation, beyond cannibalization and organizational issues, why radical innovations tend to come from entrants rather than incumbents.

NOMINEES FOR DRUID BEST YOUNG SCHOLAR PAPER AWARD 2010



Paper No. 1:

ELEONORA BARTOLONI:

“Firm Innovation in the Italian Industrial Sector: Profitability and Persistence”

Eleonora Bartonoli: University of Warwick, Warwick Business School (WBS), Marketing and Strategic Management Group and Italian National Institute of Statistics (ISTAT), Lombardy Regional Office, Milan.

<http://www.wbs.ac.uk/faculty/subjects/msm.cfm>

Abstract:

This paper represents a contribution to empirical debate on the determinants of innovation in the firm, by exploiting an innovative panel database which for the first time links three waves of the Italian Community Innovation Survey with an administrative data source providing economic and financial information for firms in the Italian manufacturing sector. Our approach represents a novelty within the empirical literature based on CIS data, as it allows us both to retain a sample of firms which is larger than that obtained with a brute linkage between the three CIS waves, and to derive an innovation variable which is mainly derived from CIS information and which is suitable for dynamic investigations.

We present an analytical framework in which a firm’s propensity to introduce a successful innovation can be analysed. One of our research questions focuses on the role of profitability in determining a firm’s successful innovation. Our data confirm that the innovation propensity is significantly affected by the margin-to-sales ratio, with the panel nature of the data providing the chance to analyse the innovation-profit relationship subject to different model specifications, both static and dynamic. Our findings also provide evidence of the non-transitory nature of innovation in our panel of firms: past innovative behaviour strongly affects the probability of successful future innovation. We also found support for the rank and epidemic mechanism affecting a firm’s innovation decision and for the notion that enhancements in sectoral technological opportunities may boost a firm’s successful innovation.



Paper No. 2:

GAËTAN DE RASSENFOSSE:

“How much do we know about firms’ propensity to patent and should we worry about it?”

Gaétan de Rassenfosse: Université libre de Bruxelles, Solvay Brussels School of Economics and Management, ECARES (<http://www.ecares.org>). Bruxelles, Belgium.

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Abstract

This paper sheds light on the causes of firm-level heterogeneity in patent practices and the consequences it has for the study of innovation. First, it is explained how the propensity to patent potentially blurs estimates of the so-called “knowledge production function.” In this respect, we argue that a good understanding of the propensity to patent is required to better grasp the determinants of the innovation process. Second, the econometric analysis estimates the determinants of the share of inventions patented. It relies on data from an international survey of industrial firms in (mostly) developed economies. Five key dimensions are found to influence patent rate: firm’s characteristics, attitude towards patents, appropriability regime, market factors and intellectual-property policies. The results are then discussed in light of the impact they have on innovation studies and linked with current discussion regarding, among others, the relationship between size and R&D productivity.

**Paper No. 3:****JOSEPHINE V. REKERS:****“Introducing Innovations: The role of market intermediaries and institutions in culture and science-based industries”**

Josephine Rekers: the Department of Geography, University of Toronto

<http://www.geog.utoronto.ca/>Homepage: <http://www.geog.utoronto.ca/people/grads/list/rekers>**Abstract:**

This paper investigates the nature of uncertainty associated with novel, knowledge-intensive products and the institutional mechanisms by which this is reduced, and presents two major findings. First, the process of creating and capturing markets is structured around a set of intermediaries; and second, the social and geographic distribution of these intermediaries is different for science and culture-based products. In both cases, local and global intermediaries that are able to evaluate and validate these innovations play important roles in determining the likelihood of successful adoption and acceptance in the marketplace. However, emerging research on differentiated knowledge bases suggests that the process of knowledge circulation operates differently for different types of knowledge-intensive activities. Findings from case study research on theatre and vaccines suggest that these knowledge characteristics have a significant impact on the geographic distribution of validating expertise. Although local intermediaries, such as medical associations and the media, are important sources of validation in the case of vaccines, we tend to find validating market intermediaries for new theatrical works in global nodes of excellence, rather than local marketplaces.

**Paper No. 4:****SZABOLCS SZILARD SEBREK:****“Location Choices of External Technology Search: The Role of Upstream and Downstream IPR Asstes”**

Szabolcs Szilard Sebrek: Business Department of Carlos III University, Madrid:

http://www.uc3m.es/portal/page/portal/dpto_economia_empresa/home**Abstract**

Previous literature postulates the importance of external technology search (ETS) for firms' competitiveness, especially in case of technology intensive industries. We combine insights from innovation management, external technology search and the geographic component of firm strategy to examine the effect of intellectual property rights (IPR) on firms' isolation strategy of ETS compared to rivals. This study distinguishes two types of ETS: acquisitions and strategic technology alliances. We argue whether firms are able to realize less intensity of geographic overlap in ETS locations compared to competitors, is a function of upstream (patents) and downstream (trademarks) IPR tools that can also vary along a generality (at patents) and a diversification (at trademarks) dimension. When distinguishing firm resources by patent stock, generality of patent stock, stock of live trademarks, and diversity of live trademark stock, we obtain that for acquisitions only the generality of patent stock and the diversity of live trademark stock, for strategic technology alliances the generality of patent stock and both trademark-related covariates influence the spatial isolation of ETS vis-à-vis competitors. Consequently, the paper reveals some subtleties concerning the effects of diverse IPR assets on the intensity of geographic overlap in external technology search locations vis-à-vis industry rivals. In addition, we find that similarity in technological background and in place of origin can also influence location decisions for ETS. We test our hypotheses using a novel data set on firms' global ETS location decisions from the technology intensive Security Software Industry by considering firm dyad as the unit of analysis.

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Attendees will benefit from feedback and comments provided by leading scholars in the field (e.g. Martin Kilduff, Mike Wright, Bruce Tether, Paul Nightingale, Jaideep Prabhu, Alan Hughes, Ammon Salter and Andy Cosh). There is also an opportunity to meet editors of top journals, as well as exchange ideas with fellow researchers who share common interests.

The workshop is designed for those in the relatively early stage of their academic career, i.e. who have completed their PhD within the last five years. Original research topics and novel methods or approaches, and those demonstrating interdisciplinarity are particularly encouraged. Sample topics to include, but are not restricted to:

- Management practices and open innovation
- Services innovation
- Organisational and financial innovation
- Social networks and innovation
- Innovation in emerging industry
- Innovation policy
- Innovation in the public sector



Key Dates

28th June
Submission deadline

12th July Notification
of Acceptance

13th-14th September
Workshop Days

Organised by UK~IRC
Research Fellows
Dr Cher Li (Imperial), &
Dr Joanne Zhang (Cambridge)

THE DRUID **SCIENTIFIC ADVISORY COMMITTEE** 2008-2010

**Chairman:****PROFESSOR ANITA MCGAHAN**

Anita M. McGahan is Professor of Strategic Management at the Rotman School of Management at the University of Toronto, a Senior Associate at the Institute for Strategy and Competitiveness at Harvard University, the Senior Economist at the Massachusetts General Hospital Center for Global Health, and the past president of the Academy of Management's Business Policy & Strategy Division.

**GAUTUM AHUJA**

Dr. Gautam Ahuja is the Edward C. Fruehauf Professor of Business Administration and Professor of Strategy at the Ross School of Business at the University of Michigan. His research interests focus on how firms use technology to gain and exploit competitive advantage. He has served or is serving as Associate Editor for the journal, *Management Science*, a Senior Editor for the journal *Organization Science* and as a member of the Editorial Board for the journals, *Academy of Management Review*, *Administrative Science Quarterly*, *Strategic Management Journal*, and *Strategic Organization*.

**MARK DODGSON**

Mark Dodgson is Director of the Technology and Innovation Management Centre at the University of Queensland Business School and Director of the Think, Play, Do Group. He has researched innovation in over 40 countries and has produced 10 books and 100 academic articles and book chapters on the subject. He is on numerous Editorial Boards and is editor-in-chief of *Innovation: Management, Policy and Practice*.

**ANDREA FOSFURI**

Andrea Fosfuri is a Professor of Management at the Department of Business Administration of University Carlos III, Madrid, and Visiting Associate Professor at the School of Management, Boston University. He holds a Ph.D. in economics from University Pompeu Fabra, Barcelona. His research has investigated intellectual property rights strategies, technology licensing, internationalization strategies, and the mobility of knowledge workers. His work has appeared in leading journals in management such as *Organization Science*, *Management Science* and *Strategic Management Journal*, among others.



MARYANN FELDMAN

Maryann Feldman is the S.K. Heninger Distinguished Chair in Public Policy at the University of North Carolina, Chapel Hill.

Her research and teaching interests focus on the areas of innovation, the commercialization of academic research and the factors that promote technological change and economic growth. A large part of Dr. Feldman's work concerns the geography of innovation – investigating the reasons why innovation clusters spatially and the mechanisms that support and sustain industrial clusters. Previously, Dr. Feldman held the Miller Distinguished Chair in Higher Education at the University of Georgia (2006-2008) and the Jeffery S. Skoll Chair in Technical Innovation and Entrepreneurship and Professor of Business Economics at the Rotman School of Management, University of Toronto (2002-2006). She started her career at Johns Hopkins University. Dr. Feldman has served on the Advisory Panel for the U.S. National Science Foundation's Program on Societal Dimensions of Engineering, Science and Technology.



ALFONSO GAMBARDELLA

Alfonso Gambardella (PhD, Stanford 1991) is Professor of Corporate Management at the Università Commerciale "Luigi Bocconi", Milan, Italy. He is Editor of the *European Management Review* (starting Jan 1, 2009) and Associate Editor of *Industrial & Corporate Change* and *Research Policy*. He published books and articles on the economics and management of innovation. His website is www.alfonsogambardella.it



MERIC GERTLER

Meric Gertler is Professor of Geography and Interim Dean of Arts and Science at the University of Toronto. He is also co-director of the Program on Globalization and Regional Innovation Systems (PROGRIS) at U of T's Munk Centre for International Studies. His research focuses on the geographical dynamics of innovation, knowledge flows, and creativity. His current work explores these issues within a comparative analysis of urban regions in North America and Europe. Among his best-known publications are *Manufacturing Culture: the Institutional Geography of Industrial Practice*, and the *Oxford Handbook of Economic Geography* (which he co-edited with Gordon Clark and Maryann Feldman).



STEVEN KLEPPER

Steven Klepper is the Arthur Arton Hamerschlag Professor of Economics and Social Science in the Department of Social & Decision Sciences and the Tepper School of Business at Carnegie Mellon University. He is the director of the Strategy, Entrepreneurship, and Technological Change program at Carnegie Mellon and the head of the CCC Doctoral Colloquium. His research focuses on entrepreneurship and innovation in new industries, examining how the market and geographic structure of new industries evolve, how specific companies come to dominate markets, and how innovation influences and is influenced by the evolution of industry market and geographic structure.



AIIJA LEIPONEN

Aija Leiponen is an assistant professor at Cornell University, Department of Applied Economics and Management. Her research is focused on the organization of innovation activities in firms. Most recently, she has examined firms' cooperative strategies in wireless telecom standard setting. Her research has been published or is forthcoming in such journals as *Management Science*, *Strategic Management Journal*, and *International Journal of Industrial Organization*. When she's not studying or teaching innovation strategy, she likes to play squash or ski, or spend time with her 4-year old son.



DANIEL A. LEVINTHAL

Daniel Levinthal is the Reginald H. Jones Professor of Corporate Strategy at the Wharton School, University of Pennsylvania and is the current chair of the Management Department at Wharton. Levinthal's research focuses on questions of organizational adaptation and industry evolution, particularly in the context of technological change.



FRANCESCO LISSONI

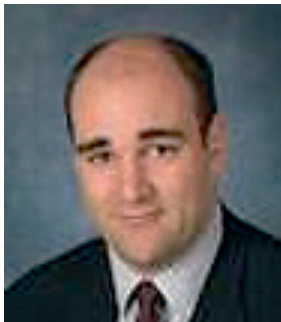
Francesco Lissoni is professor of Applied Economics at the University of Brescia, Faculty of Engineering, and deputy director of CESPRI, Bocconi University (Milan), where he has been working since 1990.

Both his teaching and research activity deal with the economics of technical change. The early papers explored the economics of innovation adoption. More recently he has published on the economics of knowledge diffusion, with special emphasis on its spatial aspects, and the economics of science, with special emphasis on university-industry technology transfer and intellectual property rights. He is the managing director of ESSID (<http://www.unibocconi.it/essid2005>), the European Summer School of Industrial Dynamics and a member of the scientific committee of the EMT PhD Programme (http://www.unibg.it/struttura/en_struttura.asp?cerca=en_dige_phd_EMT) at the university of Bergamo.



MAUREEN MCKELVEY

Maureen McKelvey is Professor of Industrial Management at the School of Business, Economics and Law, University of Gothenburg (www.handels.gu.se). She is also deputy dean of the Graduate School, for Masters programs, and a Research Fellow at the Institute for Management of Innovation and Technology (with working papers under www.imit.se). Her research focuses upon innovation management issues, especially the relationship between firms and the broader societal and political context for innovations. This includes questions of how and why public agencies, users and different types of firms are prepared to make the considerable investment to develop and use new knowledge – and how that is related to economic exploitation of such knowledge, in dynamic environments. She has published numerous articles on the economics and management of innovation, as well as book chapters and books published at Edward Elgar Publishers, Cambridge University Press, and Oxford University Press.



AMMON SALTER

Dr Ammon Salter is a Reader in Innovation Management in the Innovation and Entrepreneurship Group at the Imperial College Business School and a Fellow of the Advanced Institute of Management. He is the co-Director of the Innovation Studies Centre and an associate editor of *Industry and Innovation*. His current research focuses on the distributed and open models of innovation and the role of networks in shaping innovative performance.



OLAV SORENSON

Olav Sorenson is professor at the Yale School of Management. Professor Sorenson's research interests include economic geography, economic sociology, entrepreneurship, organizational ecology, the sociology and management of science and technology, and business and corporate strategy. His most extensive line of research examines how social networks affect transactions, thereby shaping the geography and evolution of industries. Although Professor Sorenson has investigated these issues in a wide variety of settings, including banking, biotechnology, and footwear manufacturing, he has most extensively studied the entertainment industries and venture capital.

Prior to joining the Yale School of Management, Professor Sorenson held the Jeffrey S. Skoll Chair in Technical Innovation and Entrepreneurship at the University of Toronto's Rotman School of Management. He has also taught at the University of Chicago, UCLA, and London Business School.



BART VERSPAGEN

Bart Verspagen holds a PhD from UNU-Merit (1992). He is now professor of International Economics at Maastricht University and UNU-Merit, and also holds a visiting professorship at TIK, University of Oslo. His research interests include the broad relationship between globalization and technology, intellectual property rights, and industrial economics.



SIDNEY G. WINTER

Professor Sidney G. Winter is Deloitte and Touche Professor Emeritus of Management at the Wharton School of the University of Pennsylvania. His research areas are: Firm capabilities; technological change; competitive advantage

OBITUARY



Bent Dalum

18.05.1948 - 29.01.2010

Bent is dead. He passed away quietly, surrounded by his closest family, on January 29, 2010. Only a few days earlier he was, as so many times before, with us commenting papers, enjoying discussions and generously giving advice to the attending PhDs at the DIME-DRUID Academy Winter Conference in Rebild. During the final plenary session his humorous down-to-earth comments ex auditorium drew laughs from all. After arriving home few hours later he felt suddenly exhausted and went to bed, never to wake up again. It is impossible fully to comprehend that he is not with us anymore.

Bent was among DRUID's founders and has been a pillar of support ever since, serving on the Executive Committee uninterruptedly. He became DRUID Deputy Director a decade ago and his commitment to DRUID was unshaken even when he was appointed Head of Department. He conducted this and numerous other heavy administrative tasks with an air of ease that never ceased to amaze but which emerged from an impressive track record going back to his days as graduate student when he was elected member of the team that established the University in Roskilde. He moved on to become part of the group that governed the establishment of Aalborg University where he since stayed. Bent was certainly no quitter and the services he has rendered our academic community are countless.

His continued strong effort to improve PhD education and training has been particularly remarkable. The list includes helping establishing The DRUID Academy and being a core faculty member and annual teacher at ETIC in its various guises. He more than anyone forged and maintained the links to the North American Consortium for Cooperation and Competition (CCC) which have benefitted so many

young European researchers. When the new Sino-Danish Centre for Education and Research at Graduate University of Chinese Academy of Sciences in Beijing was launched in October 2009, Bent immediately signed up and became a forceful advocate for using this opportunity to further strengthen our PhD training efforts. On top of all he still found time to supervise a steady flow of PhD students, many of whom are by now respected scholars far along the tenure track. In all such activities he sustained a very characteristic unpretentious, steady and highly encouraging approach that has set its clear mark on more than one generation of young researchers.

Bent was trained in the natural sciences but soon moved into economics. His initial research interest in aggregate trade remained but was gradually supplemented with in-depth studies of the telecommunication industry and local industrial development. On all these areas he has published and initiated durable co-authorships. He was part of the team that initiated the successful bid for an EU Commission sponsored Network of Excellence on the Dynamics of Institutions and Markets in Europe (DIME) and he has played a decisive role as member of the decision making bodies from day one. Long before ideas of outreach became a common part of the mission of universities were Bent heavily engaged with local policy-maker and managers. He was a driving force in many local initiatives – some of them highly ambitious and with significant effects throughout the whole region of Northern Jutland.

In spite of being engaged in a tremendous number of burdensome tasks Bent was game for all kinds of enjoyable activities including football, live concerts and good meals with a glass or so of fine Amarone. He welcomed good company and was himself a highly appreciated guest in his very diverse group of friends – some dating back several decades. His home was always open for his research colleagues and many have over the years utilized his guest-room and enjoyed his hospitality. His role in our community was unique and our loss tremendous. We will carry on with immense sadness and in the certain knowledge that our grief is dwarfed by that of his loving wife Birthe, his son Mads and his wider family. They are foremost in all our thoughts at this dreadful time.

Peter Maskell

THE DRUID EXECUTIVE COMMITTEE



PETER MASKELL, DIRECTOR OF DRUID

Peter Maskell is professor at Copenhagen Business School and Director of DRUID. He is member of Academia Europea and chairman of the Governing Board of DIME – the EU Network of Excellence on Dynamics of Institutions and markets in Europe. He has published several books and numerous papers within economic geography, innovation and strategy. He has an extensive record as governmental policy advisor and as chair of the board of Scandinavian corporations. He is former chairman of the Danish Social Science Research Council.



JESPER LINDGAARD CHRISTENSEN

JLC has since 1989 been a member of the IKE-research group of Aalborg University, Denmark and DRUID. His research includes various aspects of innovation theory and -policy. He has a broad knowledge on innovation surveys, industry studies, small business finance and entrepreneurship. He is currently managing a research centre on regional development and a research project on development prospects for the Danish food industry.



MICHAEL DAHL

Michael S. Dahl is an Associate Professor of Entrepreneurship and Economic Geography at DRUID, Aalborg University. He has a PhD in Innovation, Knowledge and Economic Dynamics (Aalborg University, 2004) and was a Visiting Professor at Carnegie Mellon University (2007). His main research interest is mobility of individuals across regional, corporate and social space. In addition, he has a strong interest in the relationship between economic and organizational decisions and health. He is the main organizer behind the annual DRUID Winter PhD Conference, a conference open to all doctoral students in the broad field of economics of innovation.



METTE PRÆST KNUDSEN

My research interests are centred around the innovation literature and specifically the literature on product development. In particular I am concerned with the importance of collaborations between companies with regards to the development of new products and services. The understanding of companies collaborations contributes to emphasise whether the single firm's own resources can be combined with those of other companies to ensure that products are developed faster, cheaper or at a higher quality.



THORBJØRN KNUDSEN

Professor at the University of Southern Denmark, Department of Marketing and Management, Section for Strategic Organizational Design.



KELD LAURSEN

Keld Laursen is professor of the economics and management of innovation at the Copenhagen Business School. He received his MSc degree from SPRU at the University of Sussex in the United Kingdom (1994) and got his PhD from the University of Aalborg in Denmark in 1998. Laursen is currently one of the key organizers of the annual DRUID (Danish Research Unit for Industrial Dynamics) Summer Conference, and has served on the executive board of DRUID since 2001.

Professor Laursen's primary area of expertise is in how firms manage innovation to gain competitive advantage with special attention paid to how firms can benefit from participating in distributed innovation processes beyond firm boundaries, and to related appropriability problems emerging in the process. He is also interested in the application of organizational "high performance" work practices and the provision of incentives within firms, and in how these practices and incentives matter to firms' innovative performance. He has published articles in journals such as *Research Policy*, *Journal of Economic Behavior & Organization*, *Industrial and Corporate Change* and *Strategic Management Journal*.



MARK LORENZEN

Mark Lorenzen is Associate Professor at the Department of Innovation and Organizational Economics, Copenhagen Business School, Denmark. In his research, Mark focuses upon the interplay between innovation and the economic organization of the market, in networks, projects and clusters, currently within the cultural industries. Mark is executive editor of *Industry and Innovation*, co-director of the *imagine.. Creative Industries Research centre*, and member of the executive committee of the Danish Research Unit for Industrial Dynamics (DRUID).