



Annual Report 2011

Centre for Innovation, Research and
Competence in the Learning Economy
(CIRCLE), Lund University

P.O. Box 117, Sölvegatan 16, S-221 00 Lund, SWEDEN
www.circle.lu.se





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Lund University*

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1 LETTER FROM THE DIRECTORS

CIRCLE (Centre for Innovation, Research and Competence in the Learning Economy) is an interdisciplinary research center spanning several faculties at Lund University as well as Blekinge Institute of Technology. CIRCLE was formed in July 2004 with initial funding from VINNOVA (The Swedish Governmental Agency for Innovation Systems), Lund University and the Ruben Rausing Foundation for Entrepreneurship and Innovation. It was also awarded a 10-year Linnaeus Grant by the Swedish Research Council (VR) in July 2006. CIRCLE's status as a producer of international excellence in research was also acknowledged in two evaluations in 2008 carried out by international peers. CIRCLE came out extremely well in both of these. One of them was the RQO8 which assessed all research units at Lund University, where CIRCLE was given the grade "excellent" (the highest grade) in all dimensions.

In connection with a VINNOVA call for a new round of funding of centers of excellence, innovation research centers in Sweden were evaluated by international peers in June 2010. CIRCLE was ranked number one of nine innovation research centers and was given the highest grade (5) for research. Grade 5 means "Outstanding, at the forefront of international research". The comment of the evaluators was "This is an internationally eminent group addressing the main questions at the leading edge of innovation systems/innovation policy research with potentially strong policy implications." As a direct consequence of this evaluation, CIRCLE was awarded a six-year grant from VINNOVA, with matching funding from Lund University. Details of the evaluations are accessible via <http://www.circle.lu.se>.

During 2011 CIRCLE was a member of two Networks of Excellence in the field, funded by the European Union under the 6th Framework Program: DIME (Dynamics of Institutions and Markets in Europe) and PRIME (Policies for Research and Innovation in the Move towards the European Research Area). CIRCLE is also a founding member of EU-SPRI Forum (European Forum for Studies of Policies for Research and Innovation). Since its creation in July 2004, CIRCLE has established itself as a leading national and international center for research on R&D, innovation, knowledge creation, entrepreneurship and economic dynamics.

In October 2010, CIRCLE invited applications for the positions of Full Professor/Associate Professor and Assistant Professor in Innovation Studies. The final outcome was that CIRCLE appointed nine new position holders. Three were full professors, of which two were new recruitments and one was a promotion, three were associate professors of which one was a new recruitment and three were assistant professors of which one was a new recruitment. CIRCLE now has five full time professors, seven part time full professors, five full time associate professors, seven assistant professors and eight PhD students. Section one of this report presents CIRCLE staff with expert keywords and contact data. It also introduces and provides a brief academic history and research interests of new CIRCLE members of staff.

CIRCLE added eight new projects to its portfolio of external financing in 2011, amounting to approximately 44 million SEK over a three to four-year period. Financers are the Riksbankens Jubileumsfond, the Swedish Research Council (VR), The Rausing Foundation, European Science Foundation (ESF), the Swedish Research Council Formas, the Swedish Energy Agency, Nordic Energy Research and a Swedish-Korean joint project. The projects involve a majority of the CIRCLE staff, i.e. they are highly integrated, and cover most of the priority areas described below in the research section.

During 2011, CIRCLE focused on consolidating its organization and developing project formation with external funding and with a continuing focus on international high impact publishing. In terms of publishing, CIRCLE staff contributed 36 journal articles, 12 edited books and 14 book

chapters to the international, peer reviewed press in 2011. Numerous reports, popularizations and conference papers also made their way to the international academic community in 2011, together ensuring a broad dissemination of research results. Publications are reported in detail in section two, where we also report the citation record of the CIRCLE staff.

In order to make CIRCLE's research efforts even more relevant for the wider society, CIRCLE has formed a Policy Advisory Board for providing input on strategic issues concerning CIRCLE's research and third mission agenda. The Board consists of professionals with competence in various fields relevant to innovation and economic development in international, national and regional contexts. The Board members hold leading positions in organizations like the OECD, VINNOVA, regional and national governments, firms and technology transfer organizations. It had two meetings in 2011. More information about the CIRCLE Policy Advisory Board can be found at the website: <http://www.circle.lu.se/about-circle/policy-advisory-board>.

Charles Edquist chose to step down from the directorship in September 2011 in order to spend more time on research and to perform third task activities in relation to the surrounding society. He will do so in his capacity as the holder of the Ruben Rausing Chair in Innovation Studies at CIRCLE. Björn Asheim has taken over as Director, with Jerker Moodysson as Deputy Director.

A reorganization of research at CIRCLE, which started on September 1st, has so far resulted in the appointment of four new research directors to coordinate the four closely interrelated research platforms. Björn Asheim is responsible for the research platform on national and regional innovation and policy analyses. The other new directors are Professor Åsa Lindholm Dahlstrand, responsible for research on entrepreneurship and innovation; Professor Cristina Chaminade, responsible for research on globalization and innovation with a special focus on the BRICS countries; and Professor Martin Andersson, responsible for research on innovation and economic growth. These four areas are central to carrying out the Linnaeus as well as the VINNOVA research programs.

This reorganization makes it possible to undertake new rounds of recruitment of younger researchers such as post-docs and assistant professors. Two of the research groups – entrepreneurship and innovation and globalization and innovation - need to be numerically strengthened, while the remaining two need to consolidate specific strategic research areas, e.g. environmental innovation and green/clean tech in the platform on national and regional innovation and policy analyses. In October 2011 CIRCLE advertised new positions as postdocs and PhD students, and received 40 applications for the post-doc positions and almost 70 for the PhD positions. Now, in early 2012, the process of employing at least 3 post-docs and 3 PhDs is well underway.

During 2011 CIRCLE extended and deepened its cooperation with departments at other faculties at Lund University, especially the Social Science Faculty (Economic Geography), the School of Economics and Management (Economics, Entrepreneurship, and Economic History), and the Faculty of Engineering (Environmental and Energy Systems Studies). CIRCLE offered Tomas Hellström, Professor at the School of Economics and Management and Astrid Kander, Professor in Economic History, 30% positions at CIRCLE. The new Associate Professors at the Department of Human Geography, Dr. Michaela Trippel from the Vienna School of Economics and Dr. Thomas Niedomysl have also been offered similar 30% and 50 % positions, respectively. Moreover, CIRCLE has taken an initiative to increase the cooperation between entrepreneurship researchers at CIRCLE and the School of Economics and Management in cooperation with Professor Hans Landström, one of the founders of CIRCLE, who has a 20% position at CIRCLE. CIRCLE still maintains a close educational cooperation – especially on master's and PhD levels – with the Faculty of Engineering (where CIRCLE is responsible for much of the teaching on

innovation and entrepreneurship), the Social Science Faculty, and the School of Economics and Management.

CIRCLE has now attained a size that enables it to act as a hub for innovation research at Lund University and these initiatives are part of a strategy to broaden the cooperation between CIRCLE and the rest of Lund University. The new cross-disciplinary faculty at Lund University (universitetets särskilda verksamheter – USV), which is decided to be established from 2012 and which CIRCLE will be part of, is intended to facilitate such a horizontal cooperation with other faculties.

Lund, February 2012

Björn Asheim/Charles Edquist

2 STAFF AT CIRCLE

2.1 CIRCLE STAFF AND EXPERTISE 2011

LINA AHLIN (RESEARCH ASSISTANT)

CIRCLE employment: 100%

Keywords: Databases, statistics

Email: lina.ahlin@circle.lu.se

Task distribution: Research 80%, teaching 15%, administration 5%.

Keywords: Venture finance, business angels, entrepreneurship and innovation policy, evaluation

Email: sofia.avdeitchikova@circle.lu.se

MARTIN ANDERSSON, RESEARCH DIRECTOR (PROFESSOR, INNOVATION STUDIES)

CIRCLE employment 100%

Task distribution: Research 100%,

Keywords: innovation, entrepreneurship, spatial economics, international trade, new firm formation

Email: martin.andersson@circle.lu.se

SUSANA BORRÁS (PROFESSOR)

CIRCLE employment 20%

Copenhagen Business School employment 80%

Task distribution: Research 100%

Keywords: Governance of research and innovation, innovation policy, EU governance, coordination and network governance, new policy instruments, industrial clusters policy

Email: sb.dbp@cbs.dk

BJÖRN ASHEIM, DIRECTOR SEPT – DEC , DEPUTY DIRECTOR JAN – AUG (PROFESSOR, ECONOMIC GEOGRAPHY)

CIRCLE employment 50%

Department of Social and Economic Geography employment 50%

Task distribution: Administration 50%, Research 50%,

Keywords: Regional Innovation Systems, regional innovation policy, learning regions, industrial districts and regional clusters

Email: bjorn.asheim@circle.lu.se

CHRISTINA BRATT (FINANCIAL CONTROLLER)

CIRCLE employment: 100%

Keywords: Economic administration, financial project management

Email: christina.bratt@circle.lu.se

SOFIA AVDEITCHIKOVA (ASSISTANT PROFESSOR)

CIRCLE employment 100%

CRISTINA CHAMINADE (PROFESSOR, INNOVATION STUDIES)

CIRCLE employment 100%

Task distribution: Research 85%, teaching 10%, administration 5%

Keywords: Innovation policy, globalization of innovation, innovation systems in developing countries, global value chains

Email: cristina.chaminade@circle.lu.se

LARS COENEN (ASSOCIATE PROFESSOR)

CIRCLE employment 100%

Task distribution: Research 80%, teaching 15%, administration 5%

Keywords: Geography of innovation, regional innovation systems, system innovation and sustainability transitions, eco-innovation, clean technology

Email: Lars.Coenen@circle.lu.se

CHARLES EDQUIST, DIRECTOR JAN-SEPT, (PROFESSOR, INNOVATION STUDIES)

CIRCLE employment 100%

Task distribution: Research 25%, teaching 3%, administration 72% (On leave Sept – Dec 2011)

Keywords: Innovation processes – determinants and consequences, (Comparative) Innovation Systems (national, sectoral, regional), operationalization of innovation theory, innovation indicators, innovation policy, demand and innovation, e.g. public procurement for innovation, entrepreneurship, research policy studies

Email: charles.edquist@circle.lu.se

OLOF EJERMO (ASSOCIATE PROFESSOR)

CIRCLE 75% (-Oct 31st), 100% (from Nov 1st, 2011)

Department of Economics 25% (-Oct 31st)

Task distribution: Research 75% (-Oct 31st), 100% (from Nov 1st, 2011), teaching 25% (-Oct 31st)

Keywords: Regional innovation, economics of innovation and technical change, innovation measurement, innovation and growth, the Swedish 'paradox', inventors

Email: olof.ejermo@circle.lu.se

JAN FAGERBERG (PROFESSOR)

CIRCLE employment 20%

IKE, Aalborg University, and TIK, University of Oslo, employment 80%

Task distribution: Research 100%

Keywords: Innovation, competitiveness and economic growth, competitiveness, innovation systems, catching up, path dependency, evolutionary theory

Email: jan.fagerberg@tik.uio.no

SABRINA FREDIN (PHD CANDIDATE)

CIRCLE employment 70%

Blekinge Institute of Technology employment 30%

Task distribution: Research 70%, teaching 20%, administration 10%

Keywords: Entrepreneurship, regional development, innovation, networks and path dependency

Email: sabrina.fredin@circle.lu.se

JONAS GABRIELSSON (ASSOCIATE PROFESSOR)

CIRCLE employment 100%

Task distribution: Research 75%, teaching 15%, administration 10%

Keywords: Academic entrepreneurship, corporate governance, entrepreneurial learning and competence building

Email: jonas.gabrielsson@circle.lu.se

TOMAS HELLSTRÖM (PROFESSOR)

CIRCLE employment 30%
Department of Business Administration employment 70%

Task distribution: Research 30%, teaching 20%, administration 50%

Keywords: Research evaluation, science policy, innovation management and strategy, university-industry relations, university management, design management, creativity

Email: tomas.hellstrom@fek.lu.se

ELNA JÖNSSON (INVESTIGATOR)

CIRCLE employment: 100%

Task distribution: Facility management 40%, Investigations 30 %, Administration 30 %

Keywords: Facility management, Facility development, Working environment, Study coordination, Administrative law, Means of control.

Email: elna.jonsson@circle.lu.se

TAEHYUN JUNG, (ASSISTANT PROFESSOR)

CIRCLE employment 100%

Task distribution: Research 75%, teaching 25%

Keywords: Economics of innovation and technical change, intellectual property rights, patent strategy, university-industry collaboration, organizational economics, non-profit organizations

Email: taehyun.jung@circle.lu.se

ASTRID KANDER (PROFESSOR)

CIRCLE employment 50%
Economic History Department employment 30%
Institute of Economic Research employment 20 %

Task distribution: Research 60%, teaching 20%, administration 20%

Keywords: Long-term economic growth, energy and environment, technology and structural change, R&D and growth, evolutionary economics, climate change

Email: astrid.kander@ekh.lu.se

HANS LANDSTRÖM (PROFESSOR, ENTREPRENEURSHIP)

CIRCLE employment 20%
Institute of Economic Research employment 80%

Task distribution: Research 50%, teaching 25%, administration 25%

Keywords: Entrepreneurship theory, entrepreneurial learning, entrepreneurship and business development, resource acquisition in entrepreneurial ventures, entrepreneurial finance, informal and formal venture capital.

Email: hans.landstrom@fek.lu.se

ANDREAS LEON JÖNSSON (IT-SUPPORT)

CIRCLE employment: 30%

Email: andreas.leon_jonsson@circle.lu.se

growth, trademarks and IPR,
pharmaceutical industry,
telecommunications

Email: claes.malmberg@circle.lu.se

ÅSA LINDHOLM DAHLSTRAND (PROFESSOR)

CIRCLE employment 100%

Task distribution: Research 80%,
administration 20%

Keywords: Entrepreneurship, Innovation,
Policy, technology-based entrepreneurship,
Academic entrepreneurship, university-
industry relations, incubation, regional
development

Email: asa.lindholm_dahlstrand@circle.lu.se

ROMAN MARTIN (PHD CANDIDATE)

CIRCLE employment 100%

Task distribution: Research 90%,
administration 10%

Keywords: Economic geography, regional
innovation systems, cluster, regional
innovation policy, innovation measurement,
social network analysis

Email: roman.martin@circle.lu.se

ANA MAFALDA MADUREIRA (PHD CANDIDATE)

CIRCLE employment 80%

Blekinge Institute of Technology
employment 20%

Task distribution: Research 80%, teaching
10%, administration 10%

Keywords: Creative regions and
neighbourhoods, physical and spatial
planning, urban transformation,
gentrification, post-industrial economy,
spatial policy benchmarking

Email: ana_mafalda.madureira@circle.lu.se

JERKER MOODYSSON (ASSOCIATE PROFESSOR)

CIRCLE employment 90%

Department of Human Geography
employment 10%

Task distribution: Research 60%, teaching
10%, administration 30%

Keywords: Economic geography, regional
innovation systems, regional innovation
policy, knowledge creation, innovation
processes

Email: jerker.moodysson@circle.lu.se

CLAES MALMBERG (PHD CANDIDATE)

CIRCLE

Economic History Department

Keywords: Industrial evolution, long-term
dynamics of innovation and economic

JAN-EVERT NILSSON (PROFESSOR)

CIRCLE employment 20%

Blekinge Technical University 80%

Task distribution: Research 100%

Keywords: Regional development,
innovative regions, industrial districts,

spatial and regional planning, regional policy

Email: jan-evert.nilsson@circle.lu.se

MAGNUS NILSSON (POST-DOC)

CIRCLE employment 100%

Task distribution: Research 100%

Keywords: Regional Innovation Systems, industrial clusters, innovation policy, inter-organizational networks, firm strategy, resource dependency, network learning, methodology

Email: magnus.nilsson@circle.lu.se

MONICA PLECHERO (PHD CANDIDATE)

CIRCLE employment 100%

Task distribution: Research 100%

Keywords: Global innovation networks, impact of globalization of innovation in developing countries, emerging regional innovation systems, global value chains

Email: monica.plechero@circle.lu.se

SENGÜL REDZEP (FINANCIAL ADMINISTRATOR)

CIRCLE employment: 50%

Keywords: Economic administration

Email: sengul.redzep@circle.lu.se

JOSEPHINE REKERS (POST-DOC)

CIRCLE employment 100%

Task distribution: Research 80%, teaching 20%

Keywords: Economic geography, innovation processes, industrial dynamics, knowledge transfer and diffusion, organizational innovation in the health sector, cultural and creative industries

Email: josephine.rekers@circle.lu.se

LENNART SCHÖN (PROFESSOR, ECONOMIC HISTORY)

CIRCLE employment 20%

Dep. of Economic History employment 80%,

Task distribution: Research 60%, teaching 20%, administration 20%

Keywords: Swedish National Innovation System, impact on productivity and growth of innovation, technological shifts, economic transformation, structural change, growth patterns, energy, macro-indicators

Email: lennart.schon@ekh.lu.se

TORBEN SCHUBERT (ASSISTANT PROFESSOR)

CIRCLE employment 50%

Fraunhofer Institute for Systems and Innovation Research employment 70%

Task distribution: Research 80%, teaching 20%

Keywords: Innovation and industrial economics, science economics, econometrics, bibliometrics

Email: torben.schubert@circle.lu.se

MARTIN SRHOLEC (ASSOCIATE PROFESSOR)

CIRCLE employment 25%
CERGE-EI, Prague 75%

Task distribution: Research 100%

Keywords: Innovation, innovation systems, geography of innovation, economic development, developing countries, globalization

Email: Martin.Srholec@circle.lu.se

EMELIE STENBORG (STUDY COORDINATOR ESST-PROGRAM)

CIRCLE employment 25%
Research Policy Institute employment 75%

Task distribution: Administration 25%,
Research 75%

Keywords: European Studies of Society, Science and Technology (ESST), study coordination

Email: emelie.stenborg@circle.lu.se

MAREILE WALTER (PHD CANDIDATE)

CIRCLE
Blekinge Institute of Technology

Keywords: Regional development, urban planning, planning theory, narrative analysis

Email: mareile.walter@circle.lu.se

CAROLINE WIGREN-KRISTOFERSON (ASSISTANT PROFESSOR)

On maternity leave March 2011-December 2011.

CIRCLE employment 80%
Malmö University employment 20%

Task distribution: Research 75%,
administration 5%

Keywords: Entrepreneurship and regional development, university-industry interaction, academic entrepreneurship, entrepreneurship policy, CSR, health entrepreneurship

Email: caroline.wigren@circle.lu.se

JING XIAO (PHD CANDIDATE)

CIRCLE employment 100%

Task distribution: Research 100%

Keywords: Economic growth, innovation and firm growth, human capital, firm dynamics, innovative entrepreneurship, technology change, innovation indicators

Email: jing.xiao@circle.lu.se

JON MIKEL ZABALA (ASSISTANT PROFESSOR)

CIRCLE employment 100%

Task distribution: Research 70%, teaching 25%, administration 5%

Keywords: Regional innovation policy, evaluation of innovation policy, R&D efficiency and productivity, benchmarking, RIS indicators, Public procurement for innovation, Varieties of capitalism, Knowledge Intensive Entrepreneurship.

Email: jon_mikel.zabala@circle.lu.se

YANNU ZHENG (PHD CANDIDATE)

CIRCLE employment 100%

Task distribution: Research 100%

Keywords: inventors' characteristics, patent data, econometrics

Email: yannu.zheng@circle.lu.se

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ELENA ZUKAUSKAITE (PHD CANDIDATE)

CIRCLE employment 100%

Task distribution: Research 90%, teaching
10 %

Keywords: Economic geography, regional
innovation system, regional innovation

policy, institutional entrepreneurship,
institutional change, organizational
innovation, university-industry interaction

Email: elena_zukauskaite@circle.lu.se



MARTIN ANDERSSON



Martin joined CIRCLE as full professor in July 2011. He is an economist by training, with a PhD in economics from the Jönköping International Business School (JIBS). During his PhD studies he participated in several research projects on industrial dynamics, innovation and geography. He has also been a visiting researcher at the International Development Group (IDG) at MIT in Boston, US. After graduation from the PhD program he worked for several years as research coordinator of CESIS and post-doc researcher at the Royal Institute of Technology (KTH) and JIBS. He was appointed Associate Professor of

Economics in 2009 and has been affiliated to the Blekinge Institute of Technology (BTH) since 2010.

Martin's research focuses in a broad sense on innovation, trade and location and their interplay. In this overall theme, entrepreneurship (local and international) is an important aspect. His research also attempts to account for non-linear relations and dynamics in models and empirical applications, in particular non-linear features in innovation and learning processes.

SABRINA FREDIN

Sabrina Fredin started at CIRCLE in July 2011 and is a PhD candidate of the School of Management of Blekinge Institute of Technology, Sweden. She has a master's degree in Regional planning from the Technical University of Kaiserslautern, Germany, and a master's degree in European Spatial Planning from Blekinge Institute of Technology, Sweden. Her present research focuses on entrepreneurship embedded in local structures, while her broader research interests include the analysis of entrepreneurship and innovation in a regional context.



ÅSA LINDHOLM DAHLSTRAND



Åsa joined CIRCLE as full professor in July 2011. At CIRCLE she is the research director for the platform "entrepreneurship and innovation". She has an MSc in mechanical engineering from Chalmers (1986) and a PhD (1994) from the Department of Industrial Management and Economics, Chalmers. After that she spent two years abroad as a post doc, both in the USA and the UK. In 1999 she was appointed "docent" in Technology

Management, Chalmers. Between 2000 and 2003 she was Head of the Department of Industrial Dynamics. She was a member of the management team (2004-2010) and Director (2008-2010) of RIDE, "R&D, Innovation and Dynamics of Economies". In January 2005, she was appointed Professor of Business Administration, specializing in Entrepreneurship, at Halmstad University. She was appointed Visiting Professor at Chalmers from 2007 to 2010. In 2011 she was also appointed visiting Professor at Birkbeck, University of London. She is still affiliated to Halmstad University.

The overriding theme in her research is technology-based entrepreneurship and the linking of entrepreneurship and innovation. Her specific research interest includes studying new and small technology-based firms and the role of entrepreneurs in the development of companies and economies. She is very interested in both innovation policy and entrepreneurship policy, and is conducting research on acquisitions and spin-offs as various entrepreneurial forms of promoting innovativeness and growth. This includes analyzing technology-based spin-offs from incubator systems, both universities and private firms.

THORBEN SCHUBERT



Torben came to Circle as Assistant Professor in July 2011. He is also an Assistant Professor at the Fraunhofer Institute for Systems and Innovation Research ISI, Germany. Between October 2000 and February 2005, he studied economics with focus on statistics, econometrics, and dynamic macroeconomics at Cologne University. Between May 2005 and November 2007 he was a doctoral student at the Fraunhofer ISI. His doctoral thesis was written at the Chair of Financial Economics at University of Erlangen-Nürnberg, where he passed his exams in January 2008. Since July 2009 he has been a research

fellow at the Chair of Innovation Economics at the Technical University Berlin.

MARTIN SRHOLEC



Martin joined CIRCLE as Associate Professor in July 2011. He is an economist by training and holds PhD degrees in economic policy from the University of Economics in Prague, and in economics of innovation from the University of Oslo. He worked for five years as a post-doctoral research fellow at the Centre for Technology, Innovation and Culture (TIK), University of Oslo. He has also participated in a number of research projects funded by the Czech Science Foundation, the Research Council of Norway and the European Commission. Since 2010 he has been affiliated to the Economics Institute of the Academy of Sciences of the Czech Republic (CERGE-EI). Martin

has published in the areas of innovation studies, international economics and economic growth. His current research interests include the heterogeneity of innovation in firms, geography of

innovation and the relationship between innovation and productivity; at both micro and macro levels and multilevel interactions thereof.

2.3 NEW APPOINTMENTS

The following new CIRCLE positions were awarded in competition with external candidates, and appointed in 2011.

- Martin Andersson, Professor from 2011-07-01
- Cristina Chaminade, Professor from 2011-07-01
- Lars Coenen, Associate Professor from 2011-07-01
- Olof Ejermo, Associate Professor from 2011-11-01
- Taehyun Jung, Assistant Professor from 2011-07-01
- Åsa Lindholm Dahlstrand, Professor from 2011-07-01
- Jerker Moodysson, Associate Professor from 2011-07-01
- Torben Schubert, Associate Professor from 2011-07-01
- Martin Srholec, Associate Professor from 2011-07-01
- Jon Mikel Zabala, Assistant Professor from 2011-07-01

2.4 VISITING SCHOLARS

The following were visiting researchers at CIRCLE during 2011:

- Prof. Jin Hong, Associate Professor, Deputy Director Department of Business Management, Management School, University of Science and Technology of China, China
- Ju Liu, Post-doctoral fellow, Chengdu University, China (10 months), China
- Indranil Bandyopadhyay, researcher, Gordon Institute of Business Science, Pretoria University, South Africa

2.5 CIRCLE ALUMNI

This new section keeps track of former CIRCLE members and compiles information on new positions or contact addresses or research interests.

CLAUDIA DE FUENTES

Claudia, post-doc researcher at CIRCLE from 2010 to 2011, has been given a tenure-track position as Assistant Professor at the Department of Management, Sobey School of Business, Saint Mary's University in Halifax, Canada. Her email-address: claudia.defuentes@smu.ca.

DEVIRIM GÖKTEPE-HULTÉN

Devrim completed her doctoral thesis on doctoral inventors at CIRCLE in 2007. After a period as Senior Research Fellow at the Max Planck Institute of Economics, Jena (2007-2009), she came back to Lund to join the Research Policy Institute, working mainly on the commercialisation of academic research in a VINNOVA-funded project. devrim.goktepe-hulten@fpi.lu.se

HØGNI KALSØ HANSEN

Høgni, post-doc researcher at CIRCLE until summer 2011, is now Associate Professor in Economic Geography at the Department of Geography and Geology at the University of Copenhagen. He is involved in a research project on regional disparities in Denmark's economic geography and also participates in the VR project on inventors together with Olof Ejerme and Taehyun Jung. hh@geo.ku.dk

FUMI KITAGAWA

Fumi Kitagawa worked as Assistant professor at CIRCLE in 2008 and 2009. Fumi is now Lecturer in Enterprise Studies at Manchester Business School (MBS), University of Manchester, and is affiliated to the Manchester Institute of Innovation Research (MIOIR) and Manchester Enterprise Centre (MEC). She is currently conducting a research project on comparative higher education policy and incentives for knowledge exchange activities. New research interests include issues related to skills, capabilities and innovation. fumi.kitagawa@mbs.ac.uk.

JU LIU

Ju Liu, from Chengdu University, China, who spent a year as guest researcher at Circle between 2010 and 2011, is now Senior Researcher in the Unit for Science Technology and Innovation Studies (TaSTI) at the University of Tampere, Finland. Her research is on the globalisation of innovation, innovation networks, and trans-national innovation systems. Her email address is ju.liu@uta.fi.

STIAN NYGAARD

Stian Nygaard defended a doctoral thesis on the case of fuel cells and hydrogen technology at CIRCLE in 2008. He moved on from a position at the Norwegian Research Council to become a Senior Business Developer in SINTEF Materials and Chemistry division, where he is responsible for international cooperation, in particular with the EU & Asia. stian.nygaard@sintef.no.

FRANK VAN DER MOST

Frank, post-doc researcher at CIRCLE from 2009 – 2011, is now postdoctoral fellow at the e-Humanities group and Data Archiving and Networked Services (DANS). DANS is a joint institute of the Royal Netherlands Academy of Arts and Sciences (KNAW) and the Netherlands Organisation for Scientific Research (NWO). He is currently working on the impact of evaluations on the development of research careers, which is part of the FP7 funded ACUMEN project (<http://research-acumen.eu/>). His new email-address is frank.van.der.most@dans.knaw.nl.

JAN VANG LAURIDSEN

Jan defended his doctoral thesis while working at CIRCLE in 2006, and is now Associate Professor at the Department for Business and Management at Aalborg University (Copenhagen Campus). He can be contacted at jv@imi.aau.dk.

3 RESEARCH AT CIRCLE

3.1 NEW AND ONGOING PROJECTS

Table 1: External funding 2011

Financier	Project Title	Project Manager/ Researchers	Amount (SEK)	Time Period
VR	Who are Swedish inventors? Individual Pathways and Productive Milieus	O. Ejermo H.K. Hansen T. Jung	3 750 000	2012-01-01- 2014-12-31
FORMAS	R-ARE: entrepreneurship, innovation and development in regions of varying density	Martin Andersson	15 000 000	2011-2016
Nordic Energy Research	TOP-NEST: Technology Opportunities in Nordic Energy System Transitions	L. Coenen	1 200 000	2011-08-01- 2015-07-31
The Rausing Foundation	Rausing Research on Innovation Processes and Innovation Policies	C. Edquist S. Borrás J. Gabrielsson J.M. Zabala T. Jung	9 524 000	2011-2014
RJ	The challenge of globalization: Technology driven foreign direct investment (TFDI) and its implications for the negotiation of International (bi- and multilateral) Investment Agreements	C. Chaminade	9 025 000	2011-09-01 2014-12-31
VR	Cluster Life Cycles - the role of actors, networks and institutions in emerging, growing, declining and renewing clusters	B. Asheim J. Moodysson L. Coenen	4 500 000	2011-2013
Energimyndigheten (Swedish Energy Agency)	KIBIOS: Competitive and innovative biorefineries in Sweden – from technical potential to practical implementation	L. Coenen H. Westendorf	1 132 000	2011-10-01- 2013-09-30
Korean Institute of Science and Technology Evaluation and Planning	Survey of R&D Scoreboards	T. Jung C. Edquist	242 309	2011-10-10- 2011-12-30
RJ	The next generation of regional innovation policy: How to combine science and user driven approaches	B.T. Asheim J. Moodysson	3 400 000	2010-2013

Financier	Project Title	Project Manager/ Researchers	Amount (SEK)	Time Period
New VINNOVA core funding of Centres of Innovation Systems Research (Phase 1, 2010-2013)	Transformation and Growth in Innovation Systems: Innovation Policy for Global Competitiveness of SMEs and R&I Milieus	C. Edquist B. Asheim	9 000 000	2010-07-01 2013-06-30
Norcorp	Organizational change for innovation and institutional entrepreneurship in health-care systems	B. Asheim J. Moodysson	2 300 000	2009-2012
VR	The multiplicative relationship and effects of entrepreneurship and innovation	J. Gabrielsson	648 000	2009-2011
LU	Long term energy growth sustainability LEGS	A. Kander	3 000 000	2009-2011
EU	AEGIS - Advancing Knowledge-Intensive Entrepreneurship and Innovation for Economic Growth and Social Well-being in Europe	C. Edquist J. Gabrielsson O. Ejermo J. M. Zabala	2 500 000	2008-07-01-- 2012-07-01
EU	INGINEUS	C. Chaminade M. Plechero	2 500 000	2008-07-01-- 2011-06-30
VINNOVA	Innovation Efficiency and Economic Development	L. Schön O. Ejermo	3 000 000	2008-07-01-- 2012-12-31
VINNOVA	Sustainable Growth, Energy and Innovation	L. Schön A. Kander	3 000 000	2008-07-01-- 2012-12-31
VINNOVA	R&D, Innovations and Growth	O. Ejermo A. Kander	1 500 000	2007-07-01-- 2011-12-31
VR (Linnaeus Grant)	Innovation, Entrepreneurship and Knowledge Creation: Dynamics in Globalising Learning Economies- Linnaeus Research at LUCIE	C. Edquist B. Asheim H. Landström L. Schön C. Chaminade	50 000 000	2006-07-01-- 2016-06-30

The new projects are briefly described below.

SURVEY OF R&D SCOREBOARDS

By analyzing 11 key indicator systems such as OECD STI Scoreboard, Innovation Union Scoreboard, NSF Science and Engineering Indicators, Nordic Innovation Monitor, WEF Global Competitiveness Index, and others, this project aims to provide essential design concepts that the next generation STI Scoreboard of Korea can be based on. In particular, this project derives directions for designing the new scoreboard in each of the following areas: 1) R&D expenditure, 2) S&T human resources, 3) R&D output and impacts, 4) regional innovation, 5) innovation activities of firms, and 6) international collaboration. CIRCLE researchers involved are Taehyun Jung (project leader) and Charles Edquist.

R-ARE

R-ARE is a long-term project financed by the Swedish research council FORMAS. It focuses on entrepreneurship, innovation and development in regions of varying economic densities. R-ARE is placed at CIRCLE and led by Professor Martin Andersson. The project is being carried out in collaboration with CEnSE at the Jönköping International Business School. The main objective of R-ARE is to carry out systematic, peer-reviewed quality research on localities with varying population and economic density. The research is to be designed in such a way that results and outcomes can be transformed into evidence-based decision-support for policy making in regions with different accessibility patterns and densities. The R-ARE research agenda adheres to a dynamic systems approach, recognizing that every region (or locality) is embedded in a system of regions whose development trajectories are to a large extent interdependent. Interdependence arises from interaction between regions and localities in the form of gross flows of people, jobs (firms), technology and knowledge. This means that research on e.g. rural economies should acknowledge urban-rural relationships and the interplay between rural and urban development. It also implies that research agendas focusing on remote regions and regions of low economic densities should tie in with the general research on regional and urban development

WHO ARE SWEDISH INVENTORS? INDIVIDUAL PATHWAYS AND PRODUCTIVE MILIEUS

The project utilizes a new extensive data base of Swedish inventors linked to registers of the entire population at Statistics Sweden. We will describe the inventors' gender distribution, foreign origin and sector of employment and are able to follow them over time. This makes it possible to characterize the milieus that inventors act in or have been part of, including universities, institutes and companies. We will thus discern particularly productive milieus at specific periods in time and at particular geographic locations.

This analysis will contribute to a better understanding of mechanisms for knowledge spillovers. Moreover, we aim specifically to study the effects of higher education institutions on inventors as employees, but also on the entire group of inventors by backward tracing their former education affiliation. Moreover, we examine the interaction between inventions and firm start-ups through registers on business dynamics at Statistics Sweden. For the research community this gives an exceptional insight into the cross-section between innovation and entrepreneurship that is often considered of great weight, but one that few studies actually accomplish. The

research will provide decision-makers with an understanding of the importance of higher education and research milieus for the development of inventions. We will better understand collaboration mechanisms between universities and business communities and the importance of inventions for business dynamics. CIRCLE researchers involved are Olof Ejermeo (project leader) and Taehyun Jung, and Høgni Kalsø Hansen, Copenhagen University.

RAISING RESEARCH ON INNOVATION PROCESSES AND INNOVATION POLICIES

The project addresses theoretical, empirical and policy-oriented aspects of innovation processes in innovation systems. It includes analyses of the *determinants* ('ten activities', including entrepreneurship and demand-side instruments, such as innovation procurement) and *consequences* of Innovations, as well as their *measurement* (innovation indicators). On this basis, the foundations of policies are focused, i.e. theory, rationales, objectives, instruments and practices related to *innovation policies*. CIRCLE researchers involved are Charles Edquist (project leader), Susana Borrás, Jonas Gabrielsson, Jon Mikel Zabala and Taehyun Jung.

THE CHALLENGE OF GLOBALISATION

This project deals with the globalization of economic activities and its implications for the negotiation of international investment regimes. It is based on the premise that most discussions on international investment regimes have always begun with an institutional and organizational template — that of the GATT — and adjusting it to the needs of investment. Furthermore, they consider almost exclusively traditional forms of foreign direct investments (FDI) linked to the *exploitation* of advantage rather than its *acquisition*. The latter is the main driver of tech-based FDI (TFDI). This approach has systematically led to a failure of negotiations. A preferable approach is to first identify the key characteristics of TFDI as well as those institutional aspects that require concerted international action before placing them within an organizational framework. This is the approach chosen in this project.

This project aims at understanding the determinants of TFDI in order to keep EU policy makers informed in negotiations with international investment agreements. This general objective can be divided into the following specific objectives: a) Understand the key characteristics of TFDI, both for MNCs from developed and developing countries through a comparative analysis across the globe; b) Understand how firm-characteristics as well as institutional conditions enable or constrain TFDI; c) Understand the interplay between private and public interests in TFDI and d) Discuss the implications of TFDI for the negotiation of multilateral investment agreements.

The project will run between 2011 and 2014 and involve partners from Sweden, Italy, Germany, India and China, with an extensive network in Latin America and Africa. CIRCLE researcher involved is Cristina Chaminade (project leader).

CLUSTER LIFE CYCLES - THE ROLE OF ACTORS, NETWORKS AND INSTITUTIONS IN EMERGING, GROWING, DECLINING AND RENEWING CLUSTERS

The aim of the project is to get a better understanding of how clusters become clusters, how and why they grow or decline, and how they shift into new fields. A central part of this aim is to

distinguish the life cycle of the cluster from that of the respective technology or industry, and to distinguish between endogenous drivers through the cluster life cycle and those which are exogenous.

The project is being coordinated by Professor Robert Hassink at the University of Kiel, Germany. Countries involved, in addition to Sweden and Germany, are Austria, Czech Republic and Switzerland. The research team at CIRCLE consists of Björn Asheim, Jerker Moodysson, Roman Martin and Lars Coenen.

TOP-NEST: TECHNOLOGY OPPORTUNITIES IN NORDIC ENERGY SYSTEM TRANSITIONS

This project will explore how renewable energy technology platforms may give rise to new value chains, creating entrepreneurial opportunities in the Nordic countries. The research questions are: (1) What are the main path-dependencies and potential new value chains arising from renewable technology platforms when applied in sustainable energy and transport systems? (2) What changes in organisational and institutional conditions are needed to facilitate sustainable transition pathways? (3) What are the governance implications, in terms of industrial strategies, public policy and public-private cooperation?

The project is being coordinated by Dr. Antje Klitkou at NIFU: Nordic Institute for Studies in Innovation, Research and Education, Norway. Other partners are Environmental and Energy Systems Studies at LTH in Lund (Prof. Lars J. Nilsson), VTT Technical Research Centre of Finland and Risø DTU, National Laboratory for Sustainable Energy, Denmark. The research team at CIRCLE consists of Lars Coenen and a PhD student (in collaboration with Environmental and Energy Systems Studies).

KIBIOS: COMPETITIVE AND INNOVATIVE BIOREFINERIES IN SWEDEN – FROM TECHNICAL POTENTIAL TO PRACTICAL IMPLEMENTATION (KIBIOS)

The existing infrastructure for biobased District Heating and Combined Heat Power opens up for further development of biorefineries where other energy carriers and chemicals are also co-produced. This technical potential of energy and cost efficient systems including biotechnical conversion of sustainable lignocellulose, which can secure competitiveness for Swedish energy, chemistry and forest industries, will be quantified. Implementation of innovative biorefineries also requires accessible knowledge, acceptable investment risks, successful business cooperation, policy incentives etc, which are also analysed. A final synthesis will give recommendations of efficient development strategies and policy regulations promoting the development of improved and long-term sustainable bioenergy systems in Sweden.

The project is being coordinated by Prof. Pål Börjesson at LTH. The research team at CIRCLE consists of Lars Coenen and PhD student Hanna Westendorf.

3.2 CIRCLE DATABASES

This section describes the databases that are administered at CIRCLE:

CIDER (CIRCLE INNOVATION DATABASES FOR ECONOMIC RESEARCH)

CIDER, mainly funded by VINNOVA, contains an extensive collection of data from Statistics Sweden covering the years 1985-2009. These data comprise firm data on e.g. value added, labour, capital, research and development (R&D), and exports and imports as well as energy consumption. They also contain Community Innovation Survey data, municipality belonging and individual level data consisting of income, education level and type, and personal characteristics such as gender and age, available for all Swedes for the period 1985-2009. The data is also supplemented by information on university and college personnel. These data can be linked, e.g. the individuals of a specific workplace can be followed, the value added development of a region, the innovativeness of companies, how it is affected by their staff etc. They are moreover linked over time, which enables *dynamic* characterisation of firms or individuals. Existing data are complemented by matched-to-the-firm-level patents, carried out by Ejeremo and Kander (2010). The data can also be linked to data covering 80 % of Swedish inventors from European Patent Office-applications 1978-2009 and various quality indicators. This was carried out by Ejeremo (2010-2011).

Contact person: Lina Ahlin (lina.ahlin@circle.lu.se)

CRA DATABASE

The CRA¹ database provides detailed information on innovation activities and knowledge networks of regionally clustered firms in eight European countries. The data was collected in a European collaborative research project coordinated by CIRCLE in the period 2007-2010. The database incorporates general information on the innovation performance of the interviewed firms (>600) and detailed information on the relationships between firms and other actors (>4,500 in total), which can be analyzed using Social Network Analysis. The database allows for comparative studies of sectoral, organizational and geographical patterns of knowledge sourcing.

Contact person: Roman Martin (roman.martin@circle.lu.se)

¹ CRA = "Constructing Regional Advantage", a research project sponsored by VR

INGENEUS DATABASE

The INGENEUS² database contains data at firm-level in three sectors (ICT, Automotive, Agroprocessing) collected through a survey conducted in 2009 across 9 countries: Brazil, India, China, South Africa, Norway, Sweden, Germany, Estonia and Denmark. The database contains information on the main production activities of the firm, firm size, market, sales information and R&D activity. The core of the questionnaire focuses on the types of innovation, the geographic network and collaborations with customers, suppliers, universities, research institutions, government etc., the offshoring of production and innovation and the role of the institutional framework (mainly at national and international level) supporting or hampering the access to Global Innovation Networks. It has been used to investigate the participation in global innovation networks at different levels (firm, regional, sectoral and national policy levels), and can be used to explore and make comparable analyses on how firms participate in the different processes related to globalization of innovation.

Contact person: Monica Plechero (Monica.plechero@circle.lu.se)

VR DATABASE

The VR database contains data at the firm-level in three sectors (automotive component, green-biotech and software) collected in 2008 through a survey in Pune (India) and Beijing (China). The database contains information about firms' structural characteristics (i.e. size, age), their innovation activities, internationalization strategies, competences and local-global linkages. It has been used to explore different internal and external factors of the firms leading to different degrees of innovation of firms in developing countries, their networks of collaboration and sourcing at different geographical levels, and the different forms of globalization of innovation the firms in these two regions have been involved in. It can be used to explore and make comparable analysis on how firms in those regions behave in terms of innovation and internationalization.

Contact person: Monica Plechero (Monica.plechero@circle.lu.se)

SWINNO – SWEDISH INNOVATIONS

SWINNO contains over 5000 observations of significant innovations commercialized by Swedish manufacturing firms between 1970 and 2007. The funding of the SWINNO-project comes from VINNOVA. The database was constructed between 2008 and 2011 using a literature-based innovation output method. Altogether, thirty-seven annual volumes of sixteen trade journals

² INGENEUS = Impact of Networks, Globalisation, and their Interaction with EU Strategies, the research project sponsored by the 7th Framework Programme (FP7) of the European Commission, in which CIRCLE is a partner.

were used. The database covers foodstuff, textiles, wood, pulp and paper, printing, chemicals, rubber, plastics, glass, concrete, metals, machinery and equipment, transport equipment, electro technique, electronics and telecom, instruments, medical equipment, and software. Information in the database includes a range of variables on innovation characteristics such as product class, novelty, development time, user sectors, origin, collaborators, funding etc. Apart from the information directly linked to the innovation, there is data on the innovating firms; turnover, number of employees, industrial classification codes, location etc. The database enables analyses of the long-term development of Swedish manufacturing industry, for example sectoral flows of innovations, inter- and intra-sectoral changes, changing characteristics of commercialized innovations etc.

Contact person: Karolin Sjöo (karolin.sjoo@ekh.lu.se)

3.3 CIRCLE SEMINARS

There are two types of seminars at CIRCLE. Brown-bag seminars during lunch-time are an arena for sharing new ideas on research projects, information about ongoing activities and new staff introductions. CIRCLE seminars are s for internal and invited scholars to present new research on innovation. These seminars are well attended by researchers and students at Lund University.

The CIRCLE seminar series is being coordinated by Lars Coenen (lars.coenen@circle.lu.se). Following seminars were held during 2011:

JANUARY

Bernhard Truffer (CIRUS, EAWAG & University of Bern, Switzerland): The Spatial Dimension of Technological Innovation Systems – explaining photovoltaic market formation in Germany.

FEBRUARY

Frank van der Most (CIRCLE, Sweden): Research councils facing new science and technology

Caroline Wigren (CIRCLE, Sweden) and Tomas Karlsson (EHL, Sweden): The Impact of Academic Work on Commercialization Activities: Patents vs. Start-ups

MARCH

Simona Negro (Utrecht University, the Netherlands): Uncovering the strategies of entrepreneurs underlying sustainable transitions

Tara Vinodrai (Waterloo University, Canada): Creativity, innovation and sustainability: Competing or complementary logics of talent attraction and retention?

MAY

Frédéric Delmar (Emlyon Business School, France, and Research Institute of Industrial Economics, Sweden): Endogenous growth through knowledge spillovers in entrepreneurship: An empirical test

Jan Fagerberg (CIRCLE, Sweden/ University of Oslo, Norway / Aalborg University, Denmark): Can we measure how well a public research system works, and how can the lessons be used for policy?

Olof Ejermo (CIRCLE, Sweden): Swedish inventors - new data and new insights into innovation processes

Erik Stam (Utrecht University, the Netherlands):The Environmental Regulation Paradox for Clean Tech Ventures

Ju Liu (Chengdu University, China/ CIRCLE, Sweden): Institutional thickness and its impact on intra-firm and inter-organisational innovation networks

SEPTEMBER

Phil Cooke (Cardiff University, UK): Transition regions: regional-national eco-innovation systems & strategies Lars Coenen (CIRCLE, Sweden): Towards a spatial perspective on sustainability transitions

OCTOBER

Bengt Lindoff (Ericsson AB, Sweden): The 'How and Why' of being an inventor at Ericsson...

Jan Fagerberg (CIRCLE, Sweden/ University of Oslo, Norway / Aalborg University, Denmark), Martin Srholec (CERGE-EI, Czech Republic, and CIRCLE, Sweden): Technological and Territorial Dynamics: Comparing U.S. States and European Nations

NOVEMBER

Anders Broström (Royal Institute of Technology, Sweden, and CESIS, Sweden): Learning and bonding: what do entrepreneurs have to gain from higher education?

Lotta Väänänen (Aalto University, Finland): Education and Invention

Keun Lee (Seoul National University, South-Korea):Knowledge and Economic Catch-up: Neo-Schumpeterian Analysis at the Firm, Sector & Country-Levels

DECEMBER

Sabrina Fredin (CIRCLE/BTH, Sweden): The Institutional Foundation of Entrepreneurship: A local perspective

3.4 CIRCLE ELECTRONIC WORKING PAPERS SERIES

The CIRCLE Electronic Working Papers are intended to be an instrument for early dissemination of the research undertaken by CIRCLE researchers, associates and visiting scholars, and for stimulating discussion and critical comment. The working papers present research results that in

whole or in part are suitable for submission to a refereed journal or editor of a book, or have already been submitted and/or accepted for publication.

The CIRCLE Electronic Working Papers are edited by Cristina Chaminade (cristina.chaminade@circle.lu.se).

WP 2011/01:

SMEs' absorptive capacities and large firms' knowledge spillovers: Microevidence from Mexico. Claudia de Fuentes and Gabriela Dutrénit

WP 2011/02:

Comparing knowledge bases: on the organisation and geography of knowledge flows in the regional innovation system of Scania, southern Sweden. Roman Martin and Jerker Moodysson

WP 2011/03:

Organizational paths of commercializing patented inventions: The effects of transaction costs, firm capabilities, and collaborative ties. Taehyun Jung and John P. Walsh

WP 2011/04:

Global Innovation Networks: what are they and where can we find them? (Conceptual and Empirical issues). Helena Barnard and Cristina Chaminade

WP 2011/05:

Swedish Business R&D and its Export Dependence. Karin Bergman and Olof Ejeremo

WP 2011/06:

Innovation Policy Design: Identification of Systemic Problems. Charles Edquist

WP 2011/07:

Regional Institutional Environment and Its Impact on Intra-firm and Interorganisational Innovation Networks: A Comparative Case Study in China and Switzerland. Ju LIU

WP 2011/08:

Entrepreneurship: Exploring the Knowledge Base. Hans Landström, Gouya Harirchi and Fredrik Åström

WP 2011/09:

Policy coordination in systems of innovation: A structural-functional analysis of regional industry support in Sweden. Magnus Nilsson and Jerker Moodysson

WP 2011/10:

Urban Design in Neighbourhood Commodification. Ana Mafalda Madureira

WP 2011/11:

Technological Dynamics and Social Capability: Comparing U.S. States and European Nations. Jan Fagerberg, Maryan Feldman and Martin Srholec

WP 2011/12:

Linking scientific and practical knowledge in innovation systems. Arne Isaksen and Magnus Nilsson

WP 2011/13:

Institutional conditions and innovation systems: on the impact of regional policy on firms in different sectors. Jerker Moodysson and Elena Zukauskaitė

WP 2011/14:

Considering adoption: Towards a consumption-oriented approach to innovation. Josephine V. Rekers

WP 2011/15

Exploring the role of regional innovation systems and institutions in global innovation networks. Cristina Chaminade

3.5 CONFERENCE ORGANISING

BJÖRN ASHEIM

Leader of the organizing committee for the *6th International Seminar on Regional Innovation Policies (RIP2011)*, Lund University, October 13-14

Co-organizer of the *National PhD course in Economic Geography* (with Anders Malmberg, Uppsala, and Claes Alvstam, Gothenburg). Responsible for organizing the second session at Lund University, October 12-14

SUSANA BORRÁS

Organizer of the workshop *Global Innovation Networks: Trends and Challenges for Europe*, Copenhagen Business School, Denmark, February 24th- 25th, 2011.

Organizer of the *Foresight Exercise on Global Innovation Networks*, Brighton, UK, September 8th and 9th 2011. Under the INGINEUS project.

Organiser of International Conference *European Regulatory Governance: Developments and Change*, Copenhagen Business School, Denmark, 27-28th October 2011.

Member of scientific committee, chairman of different sessions, discussant in the final roundtable, and rapporteur of policy implications of the conference *CONCORD 2011: The dynamics of Europe's industrial structure and the growth of innovative firms. Third European Conference*. IPTS, Joint Research Centre. Seville, Spain, 6 October 2011.

LARS COENEN

Organizer of second *International Sustainability Transitions Conference*, Lund, 14-16 June 2011

JONAS GABRIELSSON

Organiser of the track "Emerging Forms of Entrepreneurship and Innovation", *ICSB World Conference*, 16th-18th June 2011 .

ASTRID KANDER

Organiser of the *International LEGS workshop on Trade and Energy* in Lund, 21st of October 2011.

HANS LANDSTRÖM

Coordinator of Doctoral Consortium for the *ICSB2011 World Conference*, Stockholm June 2011.

Chairman of Workshops at *ESU Conference*, Seville, Spain. 12-16 September

ÅSA LINDHOLM DAHLSTRAND

Member of the Scientific Committee organizing the *International Council for Small Business ICSB 2011 World Conference*, Stockholm June 2011.

Track Leader "Emerging forms of Entrepreneurship and Innovation", *ICSB2011 World Conference*, Stockholm June 2011.

Organiser and moderator of the Buce Kirchhoff Memorial Seminar, *ICSB2011 World Conference, Stockholm* June 2011.

ROMAN MARTIN

Member of the organizing committee for the *6th International Seminar on Regional Innovation Policies (RIP2011)*, Lund University, October 13-14

JERKER MOODYSSON

Member of the organizing committee for the *6th International Seminar on Regional Innovation Policies (RIP2011)*, Lund University, October 13-14

JOSEPHINE REKERS

Member of the organizing committee for the *6th International Seminar on Regional Innovation Policies (RIP2011)*, Lund University, October 13-14

JON MIKEL ZABALA

Member of the Scientific Committee of the *International Conference on European Transnational Education (ICEUTE 2011)*, University of Salamanca (Spain) - October 2011

ELENA ZUKAUSKAITE

Member of the organizing committee for the *6th International Seminar on Regional Innovation Policies (RIP2011)*, Lund University, October 13-14

3.6 CONFERENCE PARTICIPATION

MARTIN ANDERSSON

"Labor Mobility and Spatial Density". *DIME workshop on Regional Innovation and Growth*, University of Pecs, Hungary, April 2011. (Co-authored with Per Thulin).

BJÖRN ASHEIM

"The role of social capital in constructing regional advantage". Invited speaker at seminar on *Interventions in social capital and competitiveness*, Oxford University, March

"Diversity, Innovation and Globalization: The new context of regional innovation systems of constructing regional advantage". Colloquium on *Reframing Regional Development: Evolution, Innovation and Transition*. CASS (Centre of Advanced Social Science), Cardiff University, Cardiff, April

"Knowledge bases, regional innovation systems, and globalization". *Annual Meeting of the Association of American Geographers*, Seattle, April

"Offentlige anskaffelser som innovasjonssystempolitikk". Invited speaker at *NIFUs (Nordic Institute for studies of Innovation, Research and Education) annual conference*, Oslo May

“Learning Regional Innovation: Scandinavian Models”. Presentation at seminar on *Scandinavia: The most innovative region in the future?* Book presentation seminar, KTH, Stockholm, June

“Knowledge bases, regional innovation systems, and globalization”. *3rd Global Conference on Economic Geography*, Seoul, Korea, June/July

“Remapping the Global Economy – Innovation”. Presentation at plenary panel session at the *3rd Global Conference on Economic Geography*, Seoul, Korea, June/July

“The Development of Innovative Clusters: In Need of a New Regional Innovation Policy”. Key note speaker at *Third International Symposium on Technological Innovation, Management and Policy*, Institute of Industrial Economics, CASS (Chinese Academy of Social Sciences), Beijing, August

“Strong Research and Innovation Milieus – A New Regional Innovation Policy?” Key note speaker at *The first international conference on regional development*, Malatya, Turkey, September

“Complexity and diversity in knowledge creation and innovation: Why regions need open innovation” Key note speaker at *The 8th Annual Conference of the Technopolicy Network on ‘Open innovation for regional development’*. Tampere, Finland, September

“KIBS and Regional Policy Implications”. Key note speaker at *Regional Studies Association Research Seminar on ‘Policy Implications of KIBS and innovation in regions in a globalizing economy*, University of Algarve, Faro, Portugal, October

“The changing role of learning regions in the globalizing knowledge economy”. *9th Globelics International Conference*, Buenos Aires, November

“Changes of knowledge bases”. *Kick-off meeting for the ESF-project ‘Cluster Life Cycles’*, Hamburg, December

“On Swedish ‘paradoxes’ and Norwegian ‘puzzles’: Understanding innovation, innovation performance and innovation policy”. Seminar presentation at University of Agder, Grimstad, Norway, December

SOFIA AVDEITCHIKOVA

“Public/private venture capital – the Swedish experience”. *Triple Helix IX International Conference*, Stanford University, 11-14 July 2011, Palo Alto.

"Commercialization of clean technology – towards a combined micro- and macro-level framework". *56th World Conference of International Council of Small Business*, Stockholm, 15-18 June 2011. (Co-authored with L. Coenen).

“Running in packs and commercialization of eco-innovations”. *31st Babson Entrepreneurship Research Conference*, Whitman School of Management, Syracuse, 9-11 June 2012. (Co-authored with L. Coenen).

SUSANA BORRÁS

“Global Innovation Networks: Changing Patterns and Institutional Frameworks” in the workshop: “*Global Innovation Networks: Trends and Challenges for Europe*”, Copenhagen Business School, Denmark, February 24th- 25th, 2011. (Co-authored with Jo Lorentzen).

“The Effects of Global Innovation Networks on the Sectoral Innovation Systems of Origin Countries” in the workshop: “*Global Innovation Networks: Trends and Challenges for Europe*”, Copenhagen Business School, Denmark, February 24th- 25th, 2011. (Co-authored with Stine Haakonsson).

CRISTINA CHAMINADE

Workshop on *Innovation, Innovation systems and Entrepreneurship*, Center for East and South-East Asian Studies, 12th January, 2011. Discussant.

“Do regions make a difference”. *Ingeus Workshop*. Copenhagen Business School, 25-26 February, 2011.

“Global Innovation Networks. What are they and where can we find them”, *Ingeus Workshop*, Copenhagen Business School, 25-26 February. (Co-authored with Helena Barnard).

Key note speaker at the *Regional Innovation Policy Conference*, CIRCLE, Lund University, 13-14th October 2011.

“Micro and meso determinants of globalization of innovation: Towards a taxonomy”, *Globelics*, 15-17 November 2011. (Co-authored with Claudia Fuentes).

“Global Innovation Networks: what are they and where can we find them? (Conceptual and Empirical issues)”, *Globelics*, 15-17 November. (Co-authored with Helena Barnard).

“Do regions make a difference? Exploring the role of regional innovation systems and institutions in global innovation networks.” *Globelics*, 15-17 November

“From new to the firm to new to the world. Effect of technological capabilities and geographical proximity on the degree of novelty in emerging economies” *Globelics*, 15-17 November

“The role of regions in Global Innovation Networks”, *Final conference INGINEUS project*. DG Research, European Commission, 9th December.

LARS COENEN

“Environmental Innovation and Sustainability Transitions in Regional Studies”. *Third Global Conference on Economic Geography*, Seoul, South-Korea, July 2011. (Co-authored with B. Truffer).

“Regional innovation systems and institutional transformation: The case of “biorefinery of the future”, North Sweden”. *Third Global Conference on Economic Geography*, Seoul, South-Korea, July 2011. (Co-authored with J. Moodysson).

“Environmental Innovation and Sustainability Transitions in Regional Studies”. *Regional Innovation Policy Seminar*, Lund, Sweden, Oktober 2011. (Co-authored with B. Truffer).

“Towards a spatial perspective on sustainability transitions”. *Final DIME conference*, Maastricht, the Netherlands, April 2011. (Co-authored with P. Benneworth and B. Truffer).

“Commercialization of clean technology – towards a combined micro- and macro-level framework”. *The Business of Social and Environmental Innovation*, University of Cape Town, South-Africa, November 2012. (Co-authored with S. Avdeitchikova).

CHARLES EDQUIST

“Economic Crisis and Innovation Policy”, Key-note presentation at the *Annual Meeting of the Japanese Association of Evolutionary Economics*, Nagoya, Japan, March 19, 2011.

“Public Procurement and Innovation Policy”, Presentation at *OECD Conference on Innovation Policy for Growth*, Paris, France, March 30, 2011

“Innovation Systems and Innovation Policy”, Presentation at the *CIRCLE Policy Advisory board*, May 4, 2011.

“Welcome Address”, *2nd International Conference on Sustainability Transitions* (ist 2011), organized by LUCSUS, STRN and CIRCLE at Lund University, June 13-15, 2011.

European Conference on “Public Procurement of Innovation – Facing societal Challenges Delivering Better Public Services & Supporting SMEs To Innovate”, Turin, Italy 27-28 June 2011

“Public procurement for Innovation (PPI) as Mission-oriented Innovation Policy”. Draft paper discussed at June 16-17 Lausanne Workshop discussion of contributions to the *Research Policy* special issue on Grand Policy Challenges. (Co-authored with J.M. Zabala).

OLOF EJERMO

"Swedish inventors - matching to registers and descriptive data". *APE-INV workshop*. Bruxelles, 2011-09-05. (Co-authored with L. Ahlin)

"Team structure of inventors and inventive performance". *European Policy for Intellectual Property (EPIP)*. Bryssel. (Co-authored with T. Jung)

JAN FAGERBERG

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SABRINA FREDIN

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CLAUDIA DE FUENTES

"The new role of developing countries in worldwide innovation: Towards a taxonomy". *Globelics*, Argentina 2011 (Co-authored with C. Chaminade)

"What are the main determinants behind the three dimensions of globalization of technology?" *Atlanta Conference on Science and Innovation Policy*. (Co-authored with C. Chaminade)

JONAS GABRIELSSON

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"An Upper Echelons Perspective of Organizational Capacity for Change: An International Study of Initial Public Offerings". *SMS 31st Annual International Conference* 6th–9th November 2011 (Co-authored with Talaulicar, T., Judge, W.Q., Bell, G., Zattoni, A. Witt, M.A., Hu, H., Lopez, F., Chen, J., Kohli, N., Shukla, D., Quttainah, M., Adegbite, E., & Rivas, J.).

"Patents and modes of commercialization: A study of the individual-opportunity nexus in technology settings". *RENT XXV conference*, Bodö, 16-18 November 2011. (Co-authored with D. Politis & Å. Lindholm Dahlstrand).

"Rapid growth... and after? A study of growth patterns among gazelles in Sweden." *RENT XXV conference*. Bodö, 16-18 November 2011. (Co-authored with D. Politis)

ASTRID KANDER

Global History Conference. London School of Economics, London, 14-16 April

“Energy transitions and Economic Growth”. *Past Present and Future Energy Transitions*. Cardiff University, 18-20 April.

“Environmental Debts and International Trade.” *Ekonomiskt-historiskt möte*. Göteborg University, 25-27 August.

Nordisk Historikermöte i Tromsø. 11-14 August

“Patents and technical change during the British Industrial Revolution. A new time series perspective.” *International Innovation Workshop*. Lund November 2011 (Co-authored with K. Enflo, A. Nuvolari and V. Tartari)

HANS LANDSTRÖM

“Entrepreneurship: exploring the knowledge base”. *DIME Final Conference*. The Netherlands, 6-8 April. (Co-authored with G. Harirchi and F. Åström).

Key note speech “A Historical Perspective on Entrepreneurship Research”, *EURAM Conference*. Tallinn, Estonia, June 2-4.

Key note speech “Historical Foundations of Entrepreneurship Research”, *ICSB World Conference*. Stockholm, June 15

“Integrating entrepreneurship theories and concepts in entrepreneurship education”. *Nordic Academy of Management Meeting*. Stockholm University, 20-24 August. (Co-authored with T. Karlsson and M. Löwegren).

Key note speech “Historical Foundations of Entrepreneurship Research”, *ESU Conference*. Seville, Spain, September 13

Key note speech “History as a Future Outlook: Taking the Next Step in Entrepreneurship”. *7th Congrès de l’Académie de l’Entrepreneuriat et de l’Innovation*. Paris, France, October 13

“Resources management in new ventures: Challenging the ‘big money’ assumption”. *XXV RENT Conference*. Bodø School of Economics and Management, Norway, November 17-18.

TAEHYUN JUNG

“Team experience of inventors and inventive performance”. *The 6th Annual Conference of the EPIP Association*. Brussels, Belgium, September 8-9, 2011. (Co-authored with O. Ejeremo).

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“Women Business Ventures in Swedish University Incubators: Gender and the commercialization of university research.” *The ICSB2011 Conference*. Stockholm, June 2011. (Co-authored with D. Politis).

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ROMAN MARTIN

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“Comparing knowledge bases: on the geography of knowledge flows in the regional innovation system of southern Sweden”. *Third Global Conference in Economic Geography – Space, Economy and Environment*, Seoul, 28 June – 2 July 2011. (Co-authored with J. Moodysson)

JERKER MOODYSSON

“Regional Innovation Systems and Institutional Transformation: The case of “Biorefinery of the Future”, North Sweden.” *3rd Global Conference on Economic Geography*, Seoul, Korea, 28 June-1 July 2011. (Co-authored with Lars Coenen).

“Policy Coordination in Systems of Innovation: A Structural-Functional Analysis of Regional Industry Support in Sweden.” *The 6th International Seminar on Regional Innovation Policies*. CIRCLE, Lund University, Sweden, 13-14 October 2011. (Co-authored with M. Nilsson).

MAGNUS NILSSON

“Policy Coordination in Systems of Innovation: A Structural-Functional Analysis of Regional Industry Support in Sweden.” *The 6th International Seminar on Regional Innovation Policies*. CIRCLE, Lund University, Sweden, 13-14 October 2011. (Co-authored with J. Moodysson).

“Combined Innovation Policy: Linking Scientific and Practical Knowledge in Innovation Systems” *The 6th International Seminar on Regional Innovation Policies*. CIRCLE, Lund University, Sweden, 13-14 October 2011. (Co-authored with A. Isaksen).

MONICA PLECHERO

"Globalisation of innovation." *Ingeus FP7 research project on Impact of Networks, Globalization, and their Interaction with EU Strategies, final conference*. European Commission, Brussels, Belgium. 9 December 2011.

"From new to the firm to new to the world. Effect of geographical proximity and technological capabilities on the degree of novelty in emerging economies." *9th Globelics International Conference*. Buenos Aires. 15-17 November 2011. (Co-authored with C. Chaminade).

"From new to the firm to new to the world. Effect of geographical proximity and technological capabilities on the degree of novelty in emerging economies." *The 6th International Seminar on Regional Innovation Policies*. CIRCLE, Lund University, 13-14 October 2011. (Co-authored with C. Chaminade).

JOSEPHINE REKERS

5th Nordic Conference on Health Organization and Management. Copenhagen Business School, Copenhagen, Denmark, January 13-14.

"Open adoption: Using collaborative innovation to accelerate the implementation of new medical technologies." *Seminar on Innovation in public health services*. Nordic Institute for Studies in Innovation, Research and Education (NIFU), Oslo, Norway, February 18.

"Beta cities in the cultural economy". *Experience the Creative Economy*. Martin Prosperity Institute at the University of Toronto, Canada, June 21-24.

"Open adoption: Using collaborative innovation to accelerate the implementation of new medical technologies." *Third Global Conference on Economic Geography 2011: Space, Economy and Environment*. Seoul, Korea, June 28 – July 2.

Comments on D. Power's keynote "Creative Industries and Regional Innovation Policy" *International Seminar on Regional Innovation Policies*. CIRCLE, Lund University, Sweden, October 13-14.

Theorizing the experience economy: Towards a future agenda. Regional Studies Association and Hafencity Universität, Hamburg, Germany, November 3-4.

Social Dynamics of Innovation Networks Workshop. Nijmegen University, The Netherlands, November 17-18

Innovation i den offentlige sektor. Roskilde University and CLIPS, Ringsted, Denmark, December 8-9

TORBEN SCHUBERT

"Cooperation with Public Research Institutions and Success in Innovation: Evidence from France and Germany". *4th Conference on the Economics of Innovation and Patenting*. Mannheim, 19-20 May, 2011. (Co-authored with S. Robin).

"Is the University Model an Organizational Necessity? Scale and Agglomeration Effects in Science." *Hochschulpolitische Gesprächskreise*. Dortmund, 18 November, 2011. (Co-authored with T. Brandt).

LENNART SCHÖN

"Keynote: Theories on Different Levels? Business History versus Economic History". *Research Agendas for the Future. Business History in Perspective*. Norwegian School of Management BI, May 5-6, 2011.

"Crises in a Long Cyclical Model : A Quantitative Approach to the Swedish Economy 1850-2010". *The 7th Beta Workshop in Historical Economics*. Université de Strasbourg, May 13-14 2011.

"Economic Growth, Structural Change and Purchasing Power – a Comparative Approach to European Performance since 1990". *The SNEEE Conference*. Mölle May 19, 2011.

JON MIKEL ZABALA

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The S3 Platform: How to assist regions in developing smart specialisation strategies? Brussels, 10-11 March 2011.

"Regional Innovation Systems and Food: Possibilities for funding?" *Regional Innovation Systems and Food Seminar*. AZTI-Tecnalia, Parque Tecnológico de Bizkaia, Derio, Spain, 1 April 2011.

"National Innovation Systems and Knowledge-Intensive Entrepreneurship: Sweden". *5th AEGIS Plenary meeting*. London, 6-7 June 2011.

"Entrepreneurial propensity of innovation systems: comparing knowledge-intensive entrepreneurship in the machine tools and ICT in Sweden." *Clusters in global value chains: what is the role of innovation systems?* Orkestra, Basque Institute of Competitiveness, University of Deusto, Spain, October 20th- 21st 2011.

YANNU ZHENG

"The Profiles of Swedish Inventors: a first look at new data". *Atlanta Conference on STI*. 15 September 2011. (Co-authored with T. Jung, O. Ejermo and H. K. Hansen).

ELENA ZUKAUSKAITE

"Institutional Change towards Social Sustainability: The Emergence of New Organizational Structures in Health-Care". *Third Global Conference on Economic Geography 2011: Space, Economy and Environment*. Seoul, South Korea, June 28-July 2, 2011.

"Sustainable Transitions towards Social Well Being: The Emergence of New Organizational Structures in Health-Care from Multi-Scalar Perspectives ". *The 2nd International Conference on Sustainability Transitions*. Lund, Sweden, June 13-15, 2011.

3.7 CIRCLE RESEARCH PRODUCTION

3.7.1 JOURNAL ARTICLES

MARTIN ANDERSSON

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3.7.2 BOOKS

ASTRID KANDER

Kander, A., P. Malanima and P. Warde. Forthcoming 2012. *Power to the People*. Princeton University Press.

3.7.3 EDITED BOOKS

MARTIN ANDERSSON

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Cooke, P., **B.T. Asheim**, R. Boschma, R. Martin, D. Schwartz and F. Tödtling, eds. 2011. *The Handbook of Regional Innovation & Growth*. Edward Elgar, Cheltenham.

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Zacharakis, A., S. Carter, A. Corbett, F. Delmar, E. Douglas, M. Gruber, B. Honig, D. Kelley, J. Kickul, **H. Landström**, B. Leleux, T. Lumpkin and L. Marino, eds. 2011. *Frontiers of Entrepreneurship Research 2010*. Babson Park, MA: Babson College.

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3.7.4 BOOK CHAPTERS

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Asheim, B. T., A. Isaksen, J. Moodysson, M. Sotarauta. 2011. Knowledge bases, modes of innovation and regional innovation policy: A theoretical re-examination with illustrations from the Nordic countries. In *Beyond Territory: Dynamic Geographies of Knowledge Creation, Diffusion and Innovation*, H. Bathelt, M.P. Feldman and D.F. Koenig (Eds.). London and New York: Routledge. 227-249.

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Asheim, B. T. 2011. Learning, Innovation and Participation: Nordic Experiences in a Global Context with a Focus on Innovation Systems and Work Organization. In *Learning Regional Innovation. Scandinavian Models*, M. Ekman, B. Gustavsen, B.T. Asheim and Ö. Pålshaugen (Eds.). Basingstoke, Hampshire: Palgrave Macmillan. 15-49.

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LENNART SCHÖN

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3.7.5 REPORTS AND WORKING PAPERS

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Andersson, M., P. Braunerhjelm and P. Thulin. Creative Destruction and Productivity – entrepreneurship by type, sector and sequence. *CESIS working paper 256*

SOFIA AVDEITCHIKOVA

Avdeitchikova, S., U. Ekström, M. Fröberg and M. Holmström. 2011. Mid-term evaluation of regional venture capital funds: Implementation and lessons learnt, Report 0110 to Swedish Agency for Economic and Regional Growth.

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SUSANA BORRÁS

Borrás, S. (Ed.). 2011. Global Innovation Networks: challenges and opportunities for policy. Report for the INGENEUS project. 302 pages. Retrievable from www.ingeneus.eu

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CHARLES EDQUIST

Radosevic, S., E. Yoruk, **C. Edquist**, and J.M. Zabala. 2011. Innovation systems and knowledge-intensive entrepreneurship: Analytical framework and guidelines for case study research. Deliverable 2.2.1 for the AEGIS project. Retrievable from <http://www.aegis-fp7.eu/>

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CLAUDIA DE FUENTES

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HANS LANDSTRÖM

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ROMAN MARTIN

Martin, R. and J. Moodysson. 2011. Comparing knowledge bases: on the organisation and geography of knowledge flows in the regional innovation system of Scania, southern Sweden. *CIRCLE Electronic Working Paper Series 2011/02*, retrievable from <http://www.circle.lu.se>.

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JOSEFIN REKERS

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TORBEN SCHUBERT

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CAROLIN WIGREN

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JON MIKEL ZABALA

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3.7.6 REVIEWS AND POPULARISATIONS

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Borrás, S. and S. Haakonsson. 2011. Challenges and Barriers of European Firms in Global Innovation Networks. *European Policy Brief 3*, INGINEUS project. June 2011, 12 pages.

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3.7.7 PAPERS ACCEPTED

MARTIN ANDERSSON

Andersson, M. P. Braunerhjelm and P. Thulin. (forthcoming). Creative Destruction and Productivity – entrepreneurship by type, sector and sequence. *Journal of Entrepreneurship and Public Policy*

Andersson, M. A. Baltzopoulos and H. Lööf. (forthcoming). R&D Strategies and Entrepreneurial Spawning. *Research Policy*

Andersson, M. and H. Lööf. (forthcoming). Small Business Innovation – firm-level evidence from Sweden. *Journal of Technology Transfer*

Andersson, M. and B. Johansson. (forthcoming). Heterogeneous Distributions of Firms Sustained by Innovation Dynamics – a model with empirical application. *Journal of Industry Competition and Trade*

Andersson, M. (forthcoming). Product Variety and the Magnitude and Geographical Scope of a Firm’s Exports. *IUP Journal of Applied Economics*

Andersson, M. and B. Johansson. (forthcoming). Regional Policy as Change Management. In *Innovation Governance in an Open Economy – shaping regional nodes in a globalized world*. Etzkowitz, H., S. Laestadius, and A Rickne (Eds.). Routledge, forthcoming

Andersson, M. and J. Klaesson. (forthcoming). Socio-cultural contexts of small enterprising regions – an empirical analysis using the Gnosjö region in Sweden as a role model. In *Innovation in Socio-cultural Contexts*, Westlund H. et al. (Eds.). Routledge

Andersson, M., L. Bjerke and C. Karlsson. (forthcoming). Imports and Regional Development. In *Knowledge and Innovation in Space*. Johansson, B., C. Karlsson and R.R Stough (Eds.). Edward Elgar

Andersson, M., H. Lööf and S. Johansson. (forthcoming). Talent, Productivity and Firms’ Participation in International Trade. In *Knowledge and Talent in Regional and Global Contexts*, Johansson, B., C. Karlsson and R.R Stough (Eds.). Edward Elgar

Andersson, M. and J. Klaesson. (forthcoming). Market Size and Employment – separating diversity and scale effects. In *Metropolitan Regions - preconditions and strategies for growth and development in the global economy*, Klaesson, J et al. (Eds.). Edward Elgar

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Asheim, B. T. (forthcoming 2012). Creativity, innovation and the role of cities in the globalising knowledge economy. In *Building prosperous knowledge cities: policies, plans and metrics*, T. Yigitcanlar, K. Metaxiotis and J. Carrillo (Eds.). London: Edward Elgar.

Asheim, B. T. and M. D. Parrilli (forthcoming 2012). Introduction: Learning and Interaction: Drivers for Innovation in Current Competitive Markets. In *Interactive Learning for Innovation: a Key Driver within Clusters and Innovation Systems*, B.T. Asheim and M.D. Parrilli (Eds.). Basingstoke: Palgrave Macmillan-

Asheim, B. T. (forthcoming). What does the creative class approach add to the study of talent, creativity, and innovation in Canadian city-regions? In *Seeking Talent for Creative Cities: The Social Dynamics of Innovation*, J.L. Grant (Ed.). University of Toronto Press, Toronto.

SOFIA AVDEITCHIKOVA

Avdeitchikova, S. (forthcoming 2012). The geographic organisation of ‘venture capital’ and ‘business angels’. In *Handbook of Research on Venture Capital II*, H. Landström and C. Mason (Eds.). Edward Elgar.

SUSANA BORRÁS

Borrás, S. (forthcoming 2012). Three Tensions in the Governance of Science and Technology. In *The Oxford Handbook of Governance*, D. Levi-Faur (Ed.) Oxford University Press, 429-440

CRISTINA CHAMINADE

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Chaminade, C., Zabala, J.M. and A. Treccani. (forthcoming 2012). The Swedish National Innovation System and its Relevance for the Emergence of Global Innovation Networks. In *The Evolution of National Innovation Systems and its impact on Global Innovation Networks*, M. Knell (Ed). Edward Elgar.

LARS COENEN

Coenen, L., Benneworth, P. and B. Truffer. (forthcoming 2012). Towards a spatial perspective on sustainability transitions. *Research Policy*

Coenen, L. and Truffer, B. (forthcoming 2012). Spaces and scales of sustainability transitions: geographical contributions to an emerging research and policy field (editorial). *European Planning Studies*

Truffer, B. and **L. Coenen**. (forthcoming 2012). Environmental Innovation and Sustainability Transitions in Regional Studies. *Regional Studies*

Klitkou, A. and **L. Coenen**. (forthcoming 2012). The emergence of the Norwegian solar photovoltaic industry in a regional perspective. *European Planning Studies*

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CHARLES EDQUIST

Edquist, C. and J. M. Zabala Iturriagoitia. Public procurement for Innovation (PPI) as Mission-oriented Innovation Policy. *Research Policy*

CLAUDIA DE FUENTES

De Fuentes, C. and G. Dutrénit. (forthcoming 2012). SMEs' absorptive capacities and large firms' knowledge spillovers: Micro evidence from machining industry in Mexico. *International Journal of Institutions and Economies*

JONAS GABRIELSSON

Gabrielsson, J. and D. Politis. (forthcoming 2012). Work experience and the generation of new business ideas among entrepreneurs – an integrated learning framework. *International Journal of Entrepreneurial Behaviour & Research*

ASTRID KANDER

Stern, D. and **A. Kander**. (forthcoming 2012) The Role of Energy in the Industrial Revolution and Modern Economic Growth. *Energy Journal*

Kander, A. (forthcoming). The NEGA-emissions: A critique of the multiregional input-output method for assessing environmental impacts of international trade and development of consumption structures. *Ecological Economics*

ÅSA LINDHOLM DAHLSTRAND

Lindholm Dahlstrand, Å. and D. Politis. (forthcoming). Women Business Ventures in Swedish University Incubators: Gender and the commercialization of university research. *The International Journal of Gender and Entrepreneurship*

JERKER MOODYSSON

Moodysson, J. and E. Zukauskaitė. (forthcoming 2012). Institutional conditions and innovation systems: on the impact of regional policy on firms in different sectors. *Regional Studies*

JOSEFIN REKERS

Rekers, J.V. (forthcoming). Beta cities and the cultural economy: On the role of second-tier cities in developing theatrical productions. *Environment and Planning A*

CAROLINE WIGREN

Berglund, K. and **Wigren, C.** (forthcoming). Societal Entrepreneurship: The shaping of a different story of entrepreneurship. *Tamara Journal of Critical Organization Inquiry*

JON MIKEL ZABALA

Edquist, C. and **J. M. Zabala Iturriagoitia**. (forthcoming). Public procurement for Innovation (PPI) as Mission-oriented Innovation Policy. *Research Policy*

Chaminade, C., **Zabala, J.M.** and A. Treccani. (forthcoming 2012). The Swedish National Innovation System and its Relevance for the Emergence of Global Innovation Networks. In *The Evolution of National Innovation Systems and its impact on Global Innovation Networks*, M. Knell (Ed). Edward Elgar.

ELENA ZUKAUSKAITE

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3.8 CITATION ANALYSIS 2011 FOR CIRCLE

The citation analysis of 2011 concerns publications of CIRCLE staff until and including 2011, although most publications in 2011 have not been out long enough to be cited. The analysis does not cover work by PhD students or by administrative staff at CIRCLE either. Two sets of data are recorded from a) Social Science Citation Index (SSCI) published by Thomson Reuters as part of their Web of Science products and b) citations at Google scholar. The analysis has been carried out by Lina Ahlin. The citation numbers are presented in the table below, followed by a description of the methodology and methodological caveats.

Table 2: Number of Citations

	New ssci 2011	Google scholar 2011
Martin Andersson	104	645
Björn Asheim	1691	6173
Sofia Avdeitchikova	4	45
Susanna Borrás	284	1692
Cristina Chaminade	76	853
Lars Coenen	291	1206
Claudia De Fuentes	7	32
Charles Edquist	1572	7807
Olof Ejeremo	45	276
Jan Fagerberg	1381	6985
Jonas Gabrielsson	77	552
Tomas Hellström	169	882
Högni Kalsö Hansen	72	165
Astrid Kander	81	230
Taehuyun Jung	2	14
Hans Landström	252	2002
Åsa Lindholm Dahlstrand	121	572
Jerker Moodysson	156	544
Jan Evert Nilsson	49	195
Magnus Nilsson	7	38
Josephine Rekers	17	39
Lennart Schön	151	841
Torben Schubert	67	180
Martin Srholec	68	534

	New ssci 2011	Google scholar 2011
Frank Van der Most	0	9
Caroline Wigren	12	136
Jon Mikel Zabala	0	56

METHODOLOGY FOR THE CITATION ANALYSIS

The citation analysis has been carried out for CIRCLE since 2005. Over time there have been slight changes in methodology, with little impact on comparability.

The citation analysis above shows citations to works published by the authors named above. Citations refer to all citations made to the author in question. We search the citation sources Google scholar (<http://scholar.google.com>) and the Social Science Citation Index (<http://www.isiknowledge.com/WOS>) for the author's name. *Harzing's Publish or Perish* (<http://www.harzing.com>) is now used to implement the Google scholar analysis. This software not only yields the same citations as using Google scholar online, but also greatly improves the speed of searches. However, it appears that Google Scholar is more capricious than SSCI as the version used may affect the number of citations found. Google Scholar for example underestimates the citations to Susana Boras. It no longer properly finds the citations of Borrás's most cited publication "The Globalising Learning Economy". Adding the number of citations from last year would yield her at least 1872 citations in Google Scholar.

Thus, analysis is done within a short time frame. Google Scholar has the advantage that it provides links to the cited work, which makes it easy to double-check that it is a correct citation. Generally the last name is used for the searches, but the initial of the first name is also included in cases when the last name generates unmanageably many hits. In the process we check for misspelt names such as Edqvist (referring in general to Edquist), and add such citations. All hits are individually checked against the author's CV to find the original work that was cited.

CHANGES IN METHODOLOGY OVER TIME

The methodology follows what has been done and described in previous methodological notes for the Annual Report, except that now all publications are counted.³ Also, before doing the citation analysis in 2007, the button "finish" was pressed for SSCI, but it was later discovered that this reduced the number of citations. For the present version of SSCI, conference proceedings are also included, which may increase the number of citations somewhat.

³ Before the 2007 version, conference papers and working papers were excluded from the list of works referred to.

THE PROCEDURE FOR GOOGLE SCHOLAR

1. Start at <http://scholar.google.com/>. In *Publish or Perish*: start the software.
2. Click on “Advanced Scholar Search”. In *Publish or Perish*: “Author impact analysis”.
3. Enter the last name and initial of first name under ‘Return articles written by’ (In *Publish or Perish*: ‘Author’s name’). Note that people who cite erroneously could use the wrong spelling, in which case such citations may be added later by additional searches (the “Edqvist C” example, above). Quotation marks are not necessary. Press the ‘Search Scholar’ button. (In *Publish or Perish*: ‘Lookup’)
4. A list of publications by the searched author appears including the number of citations to this work (cited by ###). Check all publications that are not ‘proper’ publications; to reduce the workload we have included all contributions by the authors (i.e. including e.g. working, conference & discussion papers) in the search. This may often require checking against the person’s CV. It is also necessary to make sure that it is the right person that is referred to, as it will most likely be problematic if one searches for “Johansson B”. (In *Publish or Perish*: check the boxes where correct works by the author are referred to.

4 EDUCATION AT CIRCLE

4.1 CIRCLE PHD PROGRAMME

Currently, 10 PhD candidates are receiving their PhD training in collaboration with the School of Economics and Management and the Faculty of Social Sciences, Lund University, as well as Blekinge Technical University (BTH).

4.2 MASTER'S PROGRAMMES

ESST-MASTER'S PROGRAMME

The last student cohort of the CIRCLE ESST Master's Programme (European Studies of Science, Society and Technology) was writing theses during spring 2011. This has resulted in six submitted and passed theses on varied topics. Two theses investigating the links between open science and intellectual property rights, and the institutionalisation of campus-community partnerships, were judged to be of exceptional quality and recommended for the ESST grade "distinction".

These were the graduates and their theses:

- Raed Yacoub: The Institutionalization of the Campus-Community Partnership: The Case of Lund University and the MIT
- Caidan Cao: Open Science and Intellectual Property Rights: Can IPRs Promote Openness in Science?
- Keyvan Alvandi: Focused and General science parks: a study of New Technology Based Firms within Life-sciences in Sweden (2008 cohort)
- Sze En Chee: Mapping Intellectual Capital Management : An Analytical Study of Corporate Sustainability Agenda
- Xiaofang Gu: From an Ordinary Production District to an Innovative Cluster. Looking into the Case of Shipbuilding Cluster in South Korea
- Li Zhao: An empirical study on RIS: an efficient system or a mess of innovative actors?

MASTER'S COURSES AT THE FACULTY OF ENGINEERING

CIRCLE has offered elective courses at this faculty since 2004. Courses have included "Introduction to Innovation Management", "Tools for the Management of Innovation" and "Global Competition in High Technology Sectors". These have been very well received and evaluations have been excellent. As a result, CIRCLE was invited, in 2009, to develop an extensive course package for the newly created MSc in Engineering – called "Business and Innovation" – at the Department of Production Economics, LTH. These courses build on those offered previously and include one newly developed course – Entrepreneurship in New and Existing Firms. The Business and Innovation specialization at LTH is now up and running as a two-year program with a distinct management approach, aiming to develop the students' ability to lead organizational renewal and formulate and realize strategies for innovation in the firm.

CIRCLE's involvement in this program represents almost half of the program as a whole. This involvement further consolidates CIRCLE's profile in innovation management and strategy on the firm level, as well as intensifies its connection with the engineering disciplines at Lund University.

MASTER'S COURSES AT THE SCHOOL OF ECONOMICS AND MANAGEMENT

CIRCLE is involved in two master's programs at the School of Economics and Management,. The first is a program on "Sustainable Business Leadership", which aims at providing students that already hold a first degree in a subject other than Business Administration and/or Management with a one-year long specialisation in sustainable business leadership. CIRCLE has been involved in the course "Sustainable Growth in Global Competition" as part of this program.

CIRCLE is also involved in the program "Economic Growth, Innovation and Spatial Dynamics", which provides knowledge about theories of economic growth and innovation, as well as insights into the historical evidence of economic growth and innovation, the spatial dimensions of economic growth and innovation and entrepreneurial activity and the commercialisation of innovations, with courses in "Economics of innovation" and "Small Business Economics, Regional Development, and Entrepreneurship".

4.3 TEACHING AT LUND UNIVERSITY

BJÖRN T. ASHEIM

CIRCLE: Lecture at PhD course, March

CIRCLE and SAM, Human Geography: Lecture at *National PhD course in Economic Geography*, October

SOFIA AVDEITCHIKOVA

CIRCLE: *Entrepreneurship in New and Established Ventures*, 20 hours teaching, 10 hours administration

CRISTINA CHAMINADE

EHL and RPI: *Master's in Science and Technology Management. Course on Economics of Innovation and Indicators for STS*

CIRCLE and LUCENT: PhD course on Innovation, Entrepreneurship and Economic Growth, session on *Globalization of Innovation*, 4 hours.

LTH and CIRCLE: *Globalization in high-tech industries*, coordination of the course.

LARS COENEN

EHL, Economic History: *Small Business Economics, Regional Development and Entrepreneurship*, 16 hours teaching, 5 hours thesis supervision

EHL, Business Administration: *Sustainable Innovation Management*, 12 hours teaching

LUCSUS: *Introduction to sustainability science*, 3 hours teaching

OLOF EJERMO

EHL, Economics: *Environmental economics*, 120 hours teaching and administration, 136 hours for supervision of bachelor and master's theses

CLAUDIA DE FUENTES

LTH, CIRCLE: *Globalization and Innovation*, 18 hours teaching.

JONAS GABRIELSSON

EHL, Business Administration: *Sustainable Growth in Global Competition/Sustainable Business Leadership*, 40 hours teaching, 15 hours course administration.

LTH: *Entrepreneurship in New and established Ventures*, 80 hours teaching, 30 hours course administration.

TAEHYUN JUNG

LTH: *Tools for Innovation Management*, 12 hours teaching, 10 hours course administration, 48 hours course development

LTH: *Globalization and Innovation*, 5 hours teaching, 10 hours course administration, 24 hours course development

ASTRID KANDER

EHL, Business Administration: *Sustainable growth in Global Competition*, 90 hours teaching.

EHL, Economic History: *Energy, Innovation and Sustainability*, 120 hours teaching and course administration.

JERKER MOODYSSON

SAM, Human Geography: *Regionen som arena i ekonomisk utveckling [The region as arena for economic development]*, teaching, course administration, course development (head of course)

SAM, Human Geography: *Ekonomisk geografi, fördjupning [Economic Geography, advanced]*, teaching, course administration.

SAM, Human Geography: *National PhD Course in Economic Geography*, teaching.

EHL, Department of Economic History: *Economic Growth, Innovation and Spatial Dynamics*, supervision.

MAGNUS NILSSON

EHL, Business Administration: *Master's programme in International Marketing and Brand Management*, Lectures, 10 hours teaching

FRANK VAN DER MOST

CIRCLE/RPI: *ESST-programme, methodology course*, 5.25 hours teaching

JOSEPHINE REKERS

LTH, CIRCLE: *Innovation Management*, 28 hours teaching

LTH, CIRCLE: *Globalization and Innovation*, 56 hours teaching, 20 hours administration

CAROLINE WIGREN

EHL, Business Administration: *Business Development and Entrepreneurship*, 4 hours teaching, 12 hours preparation.

JON MIKEL ZABALA

LTH: *Innovation Management*, 7 week course (35 h teaching)

ELENA ZUKAUSKAITE

SAM, Human Geography: *Research Methods*, 16 hours teaching

SAM, Human Geography: *Regional Development and Planning*, 20 hours teaching

CIRCLE: *Entrepreneurship in New and Established Ventures*, 28 hours teaching

4.4 TEACHING AT OTHER UNIVERSITIES

MARTIN ANDERSSON

Blekinge Institute of Technology, Karlskrona: *Managerial Economics and Business Strategy, Master's programme in Entrepreneurship and Innovation*, 12 hours teaching

Blekinge Institute of Technology, Karlskrona: *Research Methods and Design II, Master's programme in Entrepreneurship and Innovation*, 6 hours teaching

Jönköping International Business School: *Economics of Management and Technology*, 16 hours teaching

Jönköping International Business School: *Intermediate Macroeconomics, Economics Program*, 16 hours teaching

BJÖRN ASHEIM

Copenhagen Business School: "Getting Research into Journals", *PhD courses*, January and April

Uppsala University: Lecture at *National PhD course in Economic Geography*, September

University of Algarve, Faro, Portugal: Lectures, *PhD course*, October

Universidad Nacional de General Sarmiento, Buenos Aires: "Innovation and Growth: A Comparative Perspective", Guest lecture, November

SOFIA AVDEITCHIKOVA

Stockholm School of Economics: *Entrepreneurship, Bachelor Programme in Business and Economics*, 8 hours teaching

Royal Institute of Technology: *Innovation and Entrepreneurship, Master's Programme in Industrial Economics and Management*, 8 hours teaching

CRISTINA CHAMINADE

HHL Leipzig School of Management: *Strategic Management of Innovation*, MBA, 24 hours teaching.

HHL Leipzig School of Management: *Strategic Management of Innovation*, MSc Entrepreneurship, 24 hours teaching.

LARS COENEN

HHL Leipzig Graduate School of Management, Germany: *Innovation management*, 23 hours teaching

JAN FAGERBERG

SPRU, UK: "Innovation and economic development", March 2, 2011

London School of Economics: "Innovation and economic development: the conditions for catch-up", March 25, 2011

IKE, Aalborg University: "Innovation: Exploring the knowledge base", *Skagens-seminar*, 15.8.2011

Aalborg University: "Innovation Studies: Past, Present & Future", Presentation at "*Officiel Åbning af Institut for Økonomi og Ledelse*", 24.8.2011

UMB School of business and economics, Ås, Norway: "Innovasjonsstudier", 23.9.2011

Sciences Po, Paris, France: "Innovation and economic development: the conditions for catch-up", November 24, 2011

SABRINA FREDIN

Blekinge Tekniska Högskola: *Social and Economic Cohesion, Master's Programme in European Spatial Planning and Regional Development*, 50 hours teaching, 20 hours course administration, 10 hours course development

Blekinge Tekniska Högskola: *Regional planering, Master's Programme in Spatial Planning*, 50 hours teaching, 20 hours course administration, 10 hours course development

Blekinge Tekniska Högskola: *Research Methods, Master's Programme in Spatial Planning with an emphasis on Urban Design*, 80 hours teaching, 20 hours course administration, 10 hours course development

Jonas Gabrielsson

Halmstad University: *Entrepreneurship and Enterprising*, 30 hours teaching, 15 hours course administration

ANA MAFALDA MADUREIRA

Blekinge Tekniska Högskola: *European Spatial Planning, Master's Programme in European Spatial Planning and Regional Development*; 88 hours teaching and administration

Blekinge Tekniska Högskola: *Planering för arbetsplatser, Bachelor programme in Fysisk Planering*, 8 hours teaching

Blekinge Tekniska Högskola: *Examensarbete i Urban Design*, 20 hours Supervision

Blekinge Tekniska Högskola: *Examensarbete i European Spatial Planning and Regional Development*, 30 hours Supervision

Blekinge Tekniska Högskola: *Planering för hållbar utveckling*, 10 hours teaching

Universidade Federal do Amazonas (Federal University of Amazonas): *Introduction to sustainable urban planning, Master's in Environmental Sciences*, 140 hours teaching and administration

TORBEN SCHUBERT

Berlin University of Technology: *Innovation Economics*, 28 hours teaching

KU Leuven: "Testing Restrictions in Production Analysis: An Empirical Application", 2 hours teaching

MAREILE WALTER

Blekinge Tekniska Högskola: *Master's Programm i fysisk planering, Planlaboratoriet*, 40 hours teaching

Blekinge Tekniska Högskola: *Master's programme in Urban design, Urban theory perspectives*, 77 hours

Blekinge Tekniska Högskola: *Bachelor programme in spatial planning, Planeringens Väsen*, 106 hours teaching

Blekinge Tekniska Högskola: *Master's programme in spatial planning, Detaljplaneprocessen avancerad nivå*, 8 hours teaching

Blekinge Tekniska Högskola: *Planeringsekonomi och plangenomförande*, 8 hours teaching

CAROLINE WIGREN

Malmö University, Business Administration: *Strategy and Strategy implementation*, 16 hours teaching, 40 hours preparations and course administration.

Malmö University, Business Administration: *Social innovation*, 6 hours teaching, 18 hours preparation

4.5 SUPERVISION OF DOCTORAL STUDENTS

MARTIN ANDERSSON

Viroj Jienwatcharamongkhol, Economics, Jönköping International Business School (first supervisor)

Johan Larsson, Economics, Jönköping International Business School (second supervisor)

Sofia Wixe, Economics, Jönköping International Business School (second supervisor)

Mohammad Tavalossi, Industrial economy, Blekinge Institute of Technology, (Second supervisor)

BJRÖN ASHEIM

Tore Anstein Dobloug, Economic Geography, Lund University (first supervisor)

Ingrid Helene Garman Johnsen, Economic Geography, Lund University (first supervisor)

Roman Martin, Economic Geography, Lund University (first supervisor)

Monica Plechero, Economic Geography, Lund University (second supervisor)

Elena Zukauskaitė, Economic Geography, Lund University (second supervisor)

CRISTINA CHAMINADE

Monica Plechero, Economic Geography, Lund University (first supervisor)

Jens Sörvik, Research Policy, Research Policy Institute (second supervisor)

Gouya Harirchi, Copenhagen Business School (third supervisor)

LARS COENEN

Jens Sörvik, Research Policy, Lund University (first supervisor)

Christian Binz, Economic Geography, University of Bern (Switzerland)

OLOF EJERMO

Jing Xiao, Economic History, Lund University

Yannu Zheng, Economic History, Lund University

JONAS GABRIELSSON

Sabrina Florkowski, CIRCLE (second supervisor)

Elin Smith, Department of Business Administration (second supervisor)

ASTRID KANDER

Sofia Henriques, Economic History, Lund University (first supervisor – thesis defended in September 2011)

Karolin Sjöö, Economic History, Lund University (first supervisor)

Jing Xiao, Economic History, Lund University

ÅSA LINDHOLM DAHLSTRAND

Eva Berggren, Technology Management, Chalmers University (first supervisor)

Anders Billström, Technology Management, Chalmers University (first supervisor)

Hallur Sigurdarsson, Innovation Sciences, Halmstad University (first supervisor)

JERKER MOODYSSON

Roman Martin, Economic Geography, Lund University (second supervisor)

Hjalti Nielsen, Economic Geography, Lund University (second supervisor)

Elena Zukauskaitė, Economic Geography, Lund University (first supervisor)

MAGNUS NILSSON

Clarissa Sia-Ljungström, Business Administration, Lund University (second supervisor).

CAROLINE WIGREN

Sara Jaxell, Property Management, Malmö University (second supervisor)

Karin Staffansson-Pauli, Property Management, Malmö University (second supervisor)

4.6 SUPERVISION OF MASTER'S THESES

SOFIA AVDEITCHIKOVA

André Bogsjö and Andreas Holmquist, Industrial Engineering and Management Programme, LTH, Lund University

Daniel Buza-Vidas and Jacob Littorin, Business Administration Programme, EHL, Lund University

CRISTINA CHAMINADE

Nguyen Thi Mai Phuong , Master's Programme in Science and Technology Management, Lund University (first supervisor)

Ngan Kim Le, Master's Programme in Science and Technology Management, Lund University (first supervisor)

Vinh Ho, Master's Programme in Science and Technology Management, Lund University (first supervisor)

LARS COENEN

Marco Del Canale, Economic Growth, Innovation and Spatial Dynamics, Lund University (first supervisor)

Guyue Hu, Economic Growth, Innovation and Spatial Dynamics, Lund University (first supervisor)

Steyn de Haas, Economic Growth, Innovation and Spatial Dynamics, Lund University (first supervisor)

Olha Martsynovska, Economic Growth, Innovation and Spatial Dynamics, Lund University (first supervisor)

OLOF EJERMO

Annika Marking, Master's Programme in Economics, Lund University (first supervisor)

Lina Ahlin, Master's Programme in Economics, Lund University (first supervisor)

JONAS GABRIELSSON

Keyvan Alvandi, ESST-Programme, Lund University (first supervisor)

ASTRID KANDER

Rutger de Graaf, Economic Growth, Innovation and Spatial Dynamics -programme, EHL, Lund University (only Supervisor)

Melissa Proietti, Economic Growth, Innovation and Spatial Dynamics-programme, EHL, Lund University (only supervisor)

Benjamin Matuzak, Economic Growth, Innovation and Spatial Dynamics-programme, EHL, Lund University (only supervisor)

ANA MAFALDA MADUREIRA

Tianci Yuan, Master's Programme in Urban Design in China and Europe, Blekinge Tekniska Högskola/ Nanjing Forestry University (second supervisor)

Anne-Sophie Dureigne, Master's Programme in European Spatial Planning and Regional Development, Blekinge Tekniska Högskola (first supervisor)

JERKER MOODYSSON

Lionel Sack, Economic Growth, Innovation and Spatial Dynamics, Lund University (first supervisor)

Haoyan Zhao, Economic Growth, Innovation and Spatial Dynamics, Lund University (first supervisor)

MAGNUS NILSSON

Jakub Hodbod & Remy Van Leeuwen, Master's program in International Marketing and Brand Management, Lund University (first supervisor).

JON MIKEL ZABALA

Arian Navvab & Hoa Bui, LTH, Industriell Ekonomi, Lund University (First supervisor)

ELENA ZUKAUSKAITE

Xiaofang Gu, ESST-programme, CIRCLE, Lund University (First supervisor)

5 THIRD TASK AND ACADEMIC SELF-GOVERNMENT BY CIRCLE

5.1 INTERACTION WITH POLICY MAKERS AND THE CIVIL SOCIETY

MARTIN ANDERSSON

Member of the reference group for a research report on *Industrial Dynamics in Sweden*, Expert Group for Public Economics

Member of the Scientific Forum of the Swedish Entrepreneurship Forum

Participated in interview session with OECD researchers for the OECD territorial review for the county of Skåne

Presentation of research on rural regions for a delegation of policy makers from municipalities in northern Sweden, in Jönköping

Lecture on *Regional Innovation and Innovation Systems* for policy practitioners in the Jönköping region

Presentation of a report *Folkbildning i Sveriges kommuner – spridning och relation till socioekonomiska strukturer* at the a seminar organized by Almedalen event in Gotland

Presentation of the report *Vad hände sen? – utvecklingen på den svenska sidan av Öresundsregionen efter bron* at a seminar organized by the Chamber of Commerce and Industry of Southern Sweden

BJÖRN ASHEIM

“Cluster policy and cluster programs in the Nordic countries – similarities and differences in policies.” Presentation at seminar on “Evaluation methods”, Innovation Norway, Oslo, April

“On Swedish ‘paradoxes’ and Norwegian ‘puzzles’: Understanding Innovation, Innovation Performance, and Innovation Policy”. Seminar presentation, *OECD*, Paris, October.

SOFIA AVDEITCHIKOVA

Board Member CONNECT East

Principal evaluator for the Lund Lifescience Incubator

External evaluator (advisor) for public/private Venture Capital Funds in Sweden

Key note speech “Entrepreneurship and growth” at the Barents Reunion annual conference, June 16th 2011, Haparanda/Tornio

Open lecture on “Risk capital after the crisis” at the Swedish Entrepreneurship Forum, April 18th 2011, Stockholm

SUSANA BORRÁS

Keynote guest lecture: “Las redes globales de innovación y su impacto en los sistemas (nacionales) de innovación” Accenture Chair, Universidad Autónoma de Madrid, Spain. December 12th 2011

Opening keynote speaker in the ERAC Stakeholders' Seminar launching the public consultation on the European Research Area Framework. Brussels, September 13th 2011.

Guest speaker at the Stakeholder Workshop on the Common Strategic Framework (CSF) for Research and Innovation “Towards more Inclusive, Innovative and Secure Societies” Brussels, 27th June 2011.

Keynote speaker at the Seminar “What Future for the Open Method of Coordination?” SIEPS, Stockholm, January 13th, 2011.

CRISTINA CHAMINADE

Key note speaker in the UN Economic Commission for Latin America S&T Interministerial Conference, San Jose, Costa Rica, 26-28 July. Attendants were the S&T Ministries of the Central American countries.

LARS COENEN

Moderator at Bioraffinaderi Öresund - för en hållbar Öresundsregion, Lund, Oktober 2011

CHARLES EDQUIST

Appointed member of The Research Policy Advisory Committee to the Swedish Government ('Forskningsberedningen') 2011 and 2012.

Participant at a meeting with *Forskningsberedningen*, Stockholm, November 14, 2011

“Public Procurement as Innovation Policy – Lessons learned and future prospects”, Joint OECD CIIE Workshop on *Fostering New Sources of Growth – Is there a role for Industrial Policy in the 21st Century*, Committee on Industry, Innovation and Entrepreneurship, OECD, Paris, 30 March 2011.

Presentation of “The Swedish Paradox” at the Research Policy Advisory committee to the Swedish Government, Rosenbad, Stockholm, November 14, 2011.

Member of the Scientific Forum of “Swedish Entrepreneurship Forum” (former “Forum för Småföretagsforskning”, FSF).

Member of Studieförbundet Näringsliv och Samhälle, SNS (The Centre for Business and Policy Studies)

Fellow of The Institute for the Management of Innovation and Technology (IMIT). IMIT is a Scientific Institute.

Member of Uppfinnarkollegiet ('The Inventors' College') in Stockholm, which involves close interactions with representatives from industry and other parts of society.

Advisor to Sweco Eurofutures in a project for Region Skåne on the strategic foundations of ESS and MAX IV

Interview "Sweden best in innovation – or?" in the popular magazine *METROTEKNIK*, 09-15 February, 2011

OLOF EJERMO

Invited speaker to the International Institute for Innovation and Entrepreneurship, School of Business, Economics and Law Gothenburg, 23 September

JAN FAGERBERG

Invited speaker on "Offentlig finansiert forskning: Står resultatene i forhold til innsatsen?" LO's research conference, Oslo, Norway, 28.1.2011

Invited speaker on "Samfunnsgevinster av forskningsinnsats". Introduction for the faculty board of the Social Science Faculty, Oslo University, Norway 24. Februar, 2011

Submission of NOU 2011:6 to the Norwegian Minister of Research, Ministry of Education and Research, Oslo, Norway 2.5.2011

Invited speaker on "Can the efficiency of the public research system be measured?" OECD , Paris, France, 6.5.2011

Invited speaker on "(How) Can the efficiency of the public research system be measured?" CIRCLE , Lund, Sverige, 9.5.2011

Invited speaker on "Et velfungerende forskningssystem: Hvordan få mer ut av de offentlige forskningsmidlene?" FFA årskonferanse , Lillestrøm, Norway, 10.05.2011

"NOU 2011: 6 Et åpnere forskningssystem", Presentation for the government's research committee, Norway 10.05.2011

"Results versus resources: An analysis of publicly funded research in Norway." Finlands Akademi, Helsinki, Finland, 10.6.2011

"Fagerbergutvalget", Seminaret i vitenskapsteori, Oslo University, Norway, 31.08.2011 (Also at TIK, Oslo University, Oslo, Norway 12.10.2011)

JONAS GABRIELSSON

"Jakten på entreprenören (The hunt for the entrepreneur)". Popular lecture given at CONNECT Breakfast seminar in Lund, April 2011

"Styrelsearbeite i entreprenørsledda företag [Board work in founder-led firms]". Popular lecture given at Entreprenörskapsforum in Stockholm, April 2011

Interview about research on board work in SMEs in “Professionelt Styrelsearbejde” (P.S.), the official newsletter of the Swedish National Association of Corporate Directors (Styrelseakademien).

TOMAS HELLSTRÖM

Member advisory board Center for Business Innovation (Chalmers University of Technology)

ASTRID KANDER

Invited speaker at Round Table talk at the Swedish Environmental Protection Agency on 26th of October 2011

HANS LANDSTRÖM

Invited speaker on “Entrepreneurship: Exploring the knowledge base”. Utrecht University, the Netherlands, 9 February

Invited speaker on “The roots of entrepreneurship research and teaching”, MIKE Master’s Program, Aalborg University, Denmark, 12 April

Invited speaker on “Governmental venture capital”, Tillväxtanalys, Östersund, 6 May

ÅSA LINDHOLM DAHLSTRAND

Expert Evaluator for 7th Framework Programme “FP7-SME-2011”, the Research Executive Agency (the “REA”), European Commission, Brussels, 2012.

Expert Evaluator for 7th Framework Programme “FP7-SME-2012”, the Research Executive Agency (the “REA”), European Commission, Brussels, 2011-2012.

Expert evaluator for the VRI programme, Norges Forskningsråd.

Member of the Board in “Swedish Entrepreneurship Forum” (former “Forum för Småföretagsforskning”, FSF).

Member of Invest Sweden (former ISA, Invest in Sweden Agency) Economic Council

Member of the Jury in the National competition for best Master’s Thesis on “Nytt & Nyttigt” (for innovation and commercialization), VINNOVA and ESBRI.

Fellow of The Institute for the Management of Innovation and Technology (IMIT). IMIT is a Scientific Institute.

Invited speaker on “Betydelsen av inkubatorer och entreprenörskolor”, at the Tillväxtverket National Conference on Women’s Businesses, Stockholm 2011.

Invited speaker on “Akademiskt nyföretagande: Kan inkubatorer och entreprenörsutbildning förbättra förutsättningarna för kvinnors företagande?”, the Västra Götalandsregionen (Region of West Sweden), Gothenburg, 2011.

Invited speaker on “Mångfald – Kvinnors företagande”, Innovationsbron., Gothenburg, December 2011.

Invited keynote speaker at the “III nordiska konferensen om kunskapsintensivt företagande”, SACO, AKAVA, AC, Akademikerene , Helsingfors, September 2011

Interview on the popular press: “ Sverige viss bra på avknoppning”, *Ingenjören*, 29 september, 2011

JERKER MOODYSSON

“Innovationer och innovationspolitik”, lecture at the event *Detta är Skåne*, workshop for politicians organized by Region Skåne, Malmö, 9 May 2011.

Member of expert panel for OECD Territorial Review Skåne.

Co-organizer of Knowledge Exchange Forum, a series of workshops on innovation and regional policy, commissioned by Region Skåne.

Coordinator of CIRCLE Policy Advisory Board.

Advisor to Sweco Eurofutures in a project for Region Skåne on the strategic foundations of ESS and MAX IV.

MAGNUS NILSSON

Participation in *Knowledge Exchange Forum*, a series of workshops organized by Region Skåne, Department of Clusters and Innovation Systems.

Ongoing project on the effects of ESS on the regional economy in southern Sweden.

Collaboration with Skåne Food Innovation Network in relation with FP7 project on learning in innovation networks within the food industry in Europe.

Presentation at the Regional Innovation Systems and Food Seminar organized by Orkestra, San Sebastian, March 2011

LENNART SCHÖN

Presentations at

Ingenjörsvetenskapsakademin

EON Värme

EFL

Malmö kommun

SNS

A number of interviews in journals, newspapers and radio.

CAROLINE WIGREN

Host for a seminar at the conference *Kreativ Landsbygd*, organized by the Swedish Board of Agriculture, February 2011.

Speech in collaboration with two entrepreneurs at a network meeting for the Swedish Rural Network, hosted by the Swedish Board of Agriculture, November 2011.

Speech based on dissertation at the County Administrative Board Jönköping, November 2011.

JON MIKEL ZABALA

A seminar at Colegio Inglés San Patricio (Donosti – San Sebastián, Spain), a secondary school, the 18th October 2011 to show their students what research is, the main steps required to become a researcher and discussing how they see their education prospects.

ELENA ZUKAUSKAITE

Vytautas Magnus University: Open lecture “Knowledge Production in New Media Firms: Geography and Organization”, Kaunas, 23 February, 2011

5.2 ACADEMIC ASSIGNMENTS

MARTIN ANDERSSON

Invited as member of the examination committee for PhD thesis on R&D and productivity at the Department of Economics at Lund University

Appointed external expert reader for PhD dissertation at the School of Public Policy, George Mason University, US. Title of thesis “Innovation Patterns and Globalization of Production: heterogeneity and performance of manufacturing establishments”, Author: Juan Julio Guitierrez

BJÖRN ASHEIM

Director of CIRCLE, September-

Deputy director of CIRCLE, January-August

Professor II, University of Agder, Norway

Lund University representative in DIME (Dynamic Industry and Markets in Europe), which is a Network of Excellence under the EU 6th Framework Program

Chairman of evaluation committee of a PhD program on Service Innovation at Lillehammer Regional University. NOKUT (Norwegian Agency for Quality Assurance in Education), Oslo

Panel member of ANR (French research council) evaluation of the 'LABEX' (Laboratories of excellence) program, Paris, October

Panel member of evaluation committee of the Finnish Academy, Helsinki, March

Member of the International Advisory Committee for the 3rd Global Conference on Economic Geography, Seoul, Korea, June-July

Member of the International Advisory Board of the Irish Network for the Social Sciences, NUI Maynooth

Member of PhD committee, Department of Geography and Geology, University of Copenhagen, March

Member of PhD committee, Norwegian School of Management, Oslo, September

SOFIA AVDEITCHIKOVA

Director of Studies, CIRCLE

Examinator, CIRCLE

SUSANA BORRÁS

Head of Department of Business and Politics at Copenhagen Business School

CRISTINA CHAMINADE

External evaluator and opponent, PhD Committee of 6 PhD students in University Roma III. 6th May.

External Evaluator for the position of Associate Professor, KTH, Stockholm, 14th June

Member of the board of directors (ledningsgrupp) at CIRCLE, Lund University

LARS COENEN

Member of Steering Group of Sustainability Transitions Research Network

CHARLES EDQUIST

Director of The Centre for Innovation, Research and Competence in the Learning Economy (CIRCLE), Lund University during January – September 2011.

Guest professor at Institut Francilien Recherche Innovation Société (IFRIS), Université Paris-Est, Paris, France during October 2011 – April 2012.

Advisor to the University of Lillehammer, Lillehammer, Norway in their efforts to develop a PhD programme in Innovation Studies – which was granted in December 2011.

Coordinators of CIRCLE's participation in the EU FP7 project 'Advancing knowledge-intensive Entrepreneurship & Innovation for Economic Growth and Social Well-being in Europe (AEGIS), coordinated by Franco Malerba (Milan) and Yannis Caloghirou (Athens).

Reviewer/Evaluator: Professorship in Service Innovation at Centre for Innovation in Services (CIS), University of Lillehammer, Norway.

Member of the Scientific Committee for Globelics 2011.

Member of the Board of the "Joint Centre of Innovation and Entrepreneurship (JCIE) – Zhejiang University/Lund University" during 2011.

OLOF EJERMO

Member of the examination committee for PhD defence by Jacob L. Weisdorf in Economic History, 16 December

SABRINA FREDIN

Reviewer of two articles for the ACERE Diana 2012 Conference, 31 January – 3 February 2012, Perth

CLAUDIA DE FUENTES

PhD Assessment Committee for Victor Hugo Guadarrama (In progress) "Absorptive capacities in sector-region innovation systems. Case study of software in Baja California and Guadalajara". PhD in Social Sciences, Economics and Innovation Management. Universidad Autonoma Metropolitana, Mexico. PhD supervisor Gabriela Dutrenit.

Evaluation of research proposals. Collaborative Research: Balancing the Portfolio: Efficiency and Productivity of Federal Biomedical R&D. Submitted for Funding to National Science Foundation, USA, ID: 1158697.

JONAS GABRIELSSON

Member of the Swedish Research Group for the *ICSB World Conference*, 16th-18th June 2011

Member of the evaluation committee for PhD thesis: *Managing the fuzzy front end of product and process development - case studies of process firms* (2011), Monika Kurkkio, Luleå University of Technology

Member of the evaluation committee for PhD thesis: *Innovative Behaviour of Small Firms: Essays on Small Firms' Internationalisation and Use of Online Channels* (2011), Vladimir Vanyushyn, Umeå University

Evaluation for position as Assistant Professor, Jönköping International Business School, spring 2011 (eight applicants)

Evaluation for position as Assistant Professor, Luleå University of Technology, spring 2011 (one applicant)

ASTRID KANDER

Board Member of CEC (Centre for Environmental and Climate Research)

Member of the PhD Defense committee at the Research Policy Institute (2011) for Steven Sarasini: The institutionalization of corporate action on climate change in the Swedish electricity industry, Lund University.

Nominated as one of two candidates to become the new Secretary General for the international society for economic history (10 000 members) in November 2011. Lost the competition in Milan in November 2011 after very even voting by the committee members.

HANS LANDSTRÖM

Opponent for Tine Lynfort Jensen “Who can become an entrepreneur? – Er et godt spørgsmål. En analyse af humaniorastuderende og entrepreneurship education”, Southern Denmark University, Odense, 2 May 2011.

ÅSA LINDHOLM DAHLSTRAND

Visiting Professor, Birkbeck, University of London

Professor, School of Economics and Engineering Halmstad University, Sweden

Research Fellow, IMIT, Sweden

Member of the CERES reference group (Centre for Research on Embedded Systems), Halmstad University.

Member of the Advisory Board for the RAPPAPORT Project (EU funded project), Univ of Sussex, UK.

Member of the Managerial Board of the Research School Entrepreneurship – Health, Halmstad University.

Co-organizer “The Commercialisation of University Research Workshop”, Birkbeck, University of London, 23-24 October, 2011.

JON MIKEL ZABALA

Member of the External Evaluation Committee of the PhD dissertation by Samantha Rebeca Rullán Rosanis on “Innovation Systems: The European experience and opportunities for Latin America and the Caribbean”. Universitat Autònoma de Barcelona, June 2010.

Member of the External Evaluation Committee of the PhD dissertation by Edurne Magro Montero on “Evaluation in a Systemic World: The Role of Regional Science and Technology Policy”. Deusto University, June 2010.

ELENA ZUKAUSKAITE

Discussant at the “6th International Seminar on Regional Innovation Policies”, Lund, 13-14 October 2011

5.3 EDITORIAL ACTIVITY AND REFEREEING

MARTIN ANDERSSON

Referee: *Papers in Regional Science, Journal of Economic Geography, Annals of Regional Science, Review of World Economics, Journal of Evolutionary Economics*

BJÖRN ASHEIM

Editorial board: *Economic Geography, Journal of Economic Geography, European Planning Studies*

Referee: *Economic Geography, Environment and Planning A, Regional Studies, European Planning Studies, Industry & Innovation, Research Policy, Progress in Human Geography, Norwegian Journal of Geography*

SOFIA AVDEITCHIKOVA

Referee: *Research Policy, European Planning Studies, Venture Capital: An International Journal of Entrepreneurial Finance*

SUSANA BORRÁS

Editorial Board: *Science and Public Policy, European Journal of Risk Regulation*

CRISTINA CHAMINADE

Editor of *Innovation and Development*

Referee: *Research Policy, Industry and Innovation, Innovation and Development, Journal of Product Innovation Management*

LARS COENEN

Referee: *European Planning Studies, Regional Studies, Environment and Planning A, Environment and Planning C, Industry and Innovation, Technology Forecasting and Social Change, Journal of Cleaner Production, Research Policy, Acta Sociologica, International Journal of Innovation and Technology Management, Sustainability Science, Economic Geography, Energy Policy*

CHARLES EDQUIST

Editorial Board: *Science and Public Policy, Innovation and Development, African Journal of Science, Technology, Innovation and Development (AJSTID)*

Referee: *Research Policy*

OLOF EJERMO

Referee: *Research Policy, Regional Studies, Journal of Management Studies, Annals of Regional Science*

JAN FAGERBERG

Editorial Board: *Evolutionary Economics, Industry and Innovation, Research Policy, and Technology Analysis & Strategic Management*

Referee: *Industry and Innovation, Research Policy, Technology Analysis & Strategic Management, Economics of Innovation and New Technology (EINT), Science and Public Policy, Scientometrics, European Journal of the History of Economic Thought*

CLAUDIA DE FUENTES

Referee: *Research Policy, Organization, Frontera Norte, Journal of Innovation and Development*

JONAS GABRIELSSON

Editorial Board: *International Small Business Journal*

Referee: *Corporate Governance: An International Review, International Small Business Journal, Journal of Business Venturing, Journal of Small Business Management*

TOMAS HELLSTRÖM

Referee: *Minerva*

TAEHYUN JUNG

Referee: *Research Policy, Industrial and Corporate Change, Journal of Strategy and Management, U.S. National Science Foundation*

ASTRID KANDER

Referee: *Ecological Economics*

ÅSA LINDHOLM DAHLSTRAND

Editorial Board: *European Business Review, Annals of Innovation & Entrepreneurship*

Referee: *Cambridge Journal of Economics, Small Business Economics, European Planning Studies, Research Policy, Annals of Innovation & Entrepreneurship*

CLAES MALMBERG

Referee: *Research Policy*

ROMAN MARTIN

Referee: *European Urban and Regional Studies*

JERKER MOODYSSON

Referee: *Economic Geography, European Planning Studies, European Urban and Regional Studies, Geografiska Annaler Series B Human Geography, Geography Compass, Industrial and Corporate Change, Industry and Innovation, Journal of the Knowledge Economy, Norwegian Journal of Geography, Regional Studies, Urban Studies.*

MAGNUS NILSSON

Referee: *Environment and Planning A*

MONICA PLECHERO

Referee: *International Journal of Technology Management*

JOSEPHINE REKERS

Referee: *Environment and Planning C: Government and Policy*

TORBEN SCHUBERT

Editorial Board: *Scientometrics* (Year 2012)

Referee: *Journal of Economics, Minerva, Research Policy, Transportation, Journal of Productivity Analysis, International Journal of Management Science and Engineering Management, Public Choice, Applied Economics, Technovation, Scientometrics, Ecological Indicators, Review of Industrial Organization, Science and Public Policy, OMEGA, Journal of Information Science*

LENNART SCHÖN

Referee: *The Journal of Economic History, The European Review of Economic History, The Scandinavian Economic History Review*

JON MIKEL ZABALA

Referee: *Cuadernos de Gestión, Management Decision*

ELENA ZUKAUSKAITE

Referee: *Innovation: Policy, Management & Practice*

5.4 RESEARCH COLLABORATION WITH OTHER UNITS AT LUND UNIVERSITY

MARTIN ANDERSSON

Collaboration with researchers at the Department of Economics and the Department of Human Geography within the RARE-project

CRISTINA CHAMINADE

Project collaboration: Universities in Equitable Development – Challenges for the 2015 millenium development goals. With Bo Göransson, RPI.

Project collaboration: The Challenge of Globalization: FDI and TFDI and its implications for the negotiation of international bilateral agreements. With Bo Göransson, RPI.

LARS COENEN

Discussant for LETS2050 (Low-carbon Energy and Transport Systems 2050) report, coordinator Prof. Lars J. Nilsson

Joint application for strong research environment to FORMAS with Katrin Bäckstrand, Political Science, and Lars Nilsson, IMES

OLOF EJERMO

Application to Riksbankens Jubileumsfond. Project leader Lennart Schön, Department of Economic History

TOMAS HELLSTRÖM

Project collaboration with the Pufendorf Institute (ESS project)

ASTRID KANDER

Coordinator of a big application to the Pufendorf institute with 14 participants from 5 faculties: Alf Hornborg, Human Ecology, Åsa Knaggård, Political Science, Åsa Waldo, Sociology, Astrid Kander, Economic History, Erik Wengström, Economics (mikro), Fredrik NG Andersson, Economics (makro), Håkan Pihl, Business administration, Lars J Nilsson, IMES, Leos Müller, History, Stockholm, Magnus Bohman, Economic history (18th century), Magnus Jiborn, Philosophy, Magnus Lindmark, Economic History (Umeå), Mikael Klintman, Research Policy, Oksana Mont, IIIIEE

MAGNUS NILSSON

Member of the Lund International Food Studies research group at the School of Economics and Management

JOSEPHINE REKERS

Researcher in the theme “Legitimizing ESS: Big Science as collaboration across boundaries” at the Pufendorf Institute for Advanced Studies, Lund University, project manager Thomas Kaiserfeld

CAROLINE WIGREN

Project collaboration with Tomas Karlsson, Business Administration, EHL

5.5 PRIZES AND AWARDS

BJÖRN ASHEIM

Elected as an Academician at the British Academy of Social Sciences

ÅSA LINDHOLM DAHLSTRAND

Winner of the “2011 Outstanding Author Contribution Award”, Emerald Literati Network, Emerald, for the book chapter:

Lindholm Dahlstrand, Å and E. Berggren. 2010. Linking Innovation and Entrepreneurship in Higher Education: A Study of Swedish Schools of Entrepreneurship. In *New Technology-Based Firms in the New Millennium, Vol VIII*, R. Oakey, A. Groen, G. Cook, and P. van der Sijde (Eds.). Bingley, UK: Emerald Group Publishing. 35-50

5.6 CIRCLE SOCIAL CAPITAL COMMITTEE



The main goal of the Social Capital Committee (SCC) is to create a better work environment, where all staff members of CIRCLE feel more integrated and part of a community. In 2011 the Social Capital Committee organized such activities as having a beer in town together or the Secret Santa Christmas lottery, this time in connection with the traditional Julbord – Christmas Dinner.

More energetic activities have been taking place under the auspices of the Social Capital Committee (SCC). A considerable number of CIRCLE members took part in the city run “Lundaloppet”, some met regularly to go on bike excursions on their racer bikes, and some went trekking in the Spanish mountains.



The Social Capital Committee congratulates Jon Mikel Zabala on being the first Basque ever to receive the Swedish Classic Circuit Award for entering and finishing the Vasaloppet, Vätternrundan, Vansbrosimningen and Lidingöloppet in 2011.



The most sincere congratulations go to the following CIRCLE members on the birth of their new babies in 2011:

Olof Ejeremo, Caroline Wigren, Claudia de Fuentes, Emelie Stenborg, Jonas Gabrielsson and Yannu Zheng



CENTRE FOR INNOVATION,
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