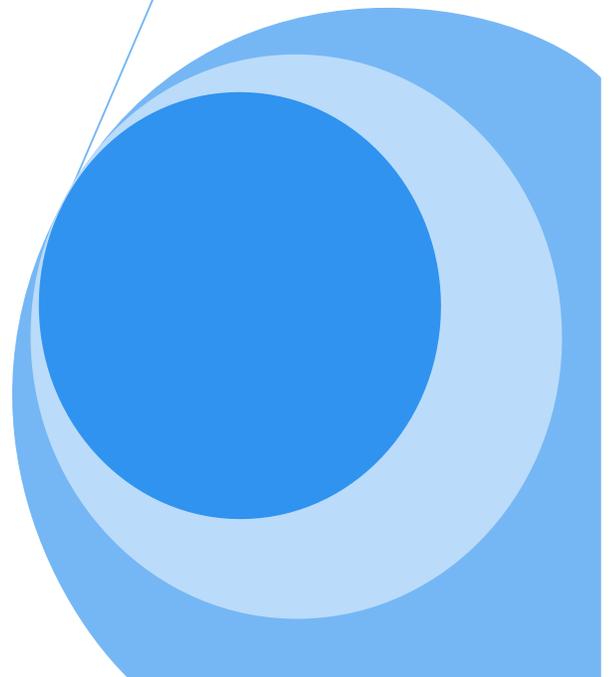


C I R C L E

Annual Report 2009

Center 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





LUND
UNIVERSITY

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Lund University

Sölvegatan 16, Box 117, 221 00 Lund, SWEDEN

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1. INTRODUCTION

CIRCLE (Centre for Innovation, Research and Competence in the Learning Economy) is an interdisciplinary research centre spanning several faculties at Lund University and 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 Blekinge Institute of Technology. It was awarded a Linnaeus Grant¹ by the Swedish Research Council (VR) in July 2006 for the research program “Innovation, Entrepreneurship and Knowledge Creation: Dynamics in Globalizing Learning Economies”. CIRCLE’s mission is to be an internationally leading research centre in this field, to provide teaching on related topics, and to pursue work of high relevance for society at large.

During 2009 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). Since its creation in July 2004, CIRCLE has established itself as a leading national and international centre for research on R&D, innovation, knowledge creation, entrepreneurship and economic dynamics. CIRCLE is today the largest of four national Centers of Excellence funded by VINNOVA. This position has been further strengthened by the Linnaeus grant awarded in 2006. CIRCLE’s status as a producer of international excellence in research was acknowledged in two evaluations in 2008 carried out by international peers. CIRCLE came out extremely well in both of these. Details of the evaluations are accessible via www.circle.lu.se.

In 2009 CIRCLE focused on consolidating its organization with an emphasis on further strengthening the quality dimensions brought out in the 2008 evaluations. This has implied a continuing focus on international high-impact publishing and project formation and application (see below). It has also entailed intensive international recruitment, as a result of which CIRCLE has added seven new researchers to its staff; this brings the total CIRCLE staff up to 35, representing 10 nationalities and 14 disciplines. Circle has been able to offer, after competition, two of its existing staff tenure and tenure track positions. Section two of this report presents CIRCLE staff with expert keywords and contact data, while section three introduces and provides a brief academic history and research interests of the new CIRCLE members.

CIRCLE also renewed its educational contributions in 2009. The European Society, Science and Technology master program (ESST) has been restructured and entered into the quality system of the Social Science Faculty of Lund University. The program, which runs for two years, currently has about 35 participants from almost as many countries across the world, making this a truly international educational experience in the area of science, technology and innovation studies. In 2009 CIRCLE also

¹ The aim of the Linnaeus Grants is to enhance support for internationally competitive research of the highest quality. In 2006, more than 100 research groups in all fields of research were nominated by all Swedish universities to apply for these grants. International reviewers selected 20 environments to receive financial support (for CIRCLE 60 MSEK, including matching funding from Lund University) for the next ten years. Five of them were in the social sciences and the humanities. Of these, CIRCLE obtained the only Linnaeus grant for Swedish research in the field of innovation, entrepreneurship and growth. VINNOVA and the Linnaeus Grant are the main funding sources of CIRCLE. Other sources are presented in section 5.

expanded its activity at the technical faculty at Lund University (LTH) by developing three new courses in *innovation management*, *business development* and *globalization of innovation* for the new engineering master's course 'Business and Innovation' (see section four of this report). This cooperation will tie CIRCLE closer to the engineering faculty and to Lund University's innovation and business development.

CIRCLE added six new projects to its portfolio of external financing in 2009, amounting to approximately 9 000 000 SEK over a three to four-year period. Financers are the EU, VINNOVA, Region Skåne, Nordcorp, Riksbankens Jubileumsfond, the Swedish Research council (VR) and Lund University. 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. These projects will contribute scope and depth to the CIRCLE research program, as well as allow a number of additional recruitments of 5-10 researchers in 2010.

In terms of publishing, CIRCLE staff contributed 21 journal articles, seven edited books and 26 book chapters to the international, peer reviewed press in 2009. Numerous reports, popularizations and conference papers also made their way to the international academic community in 2009, together ensuring a broad dissemination of research results. In order to give a picture of the academic scope of these contributions, we will outline briefly the CIRCLE research profile.

1.1 RESEARCH: THEMATIC OVERVIEW

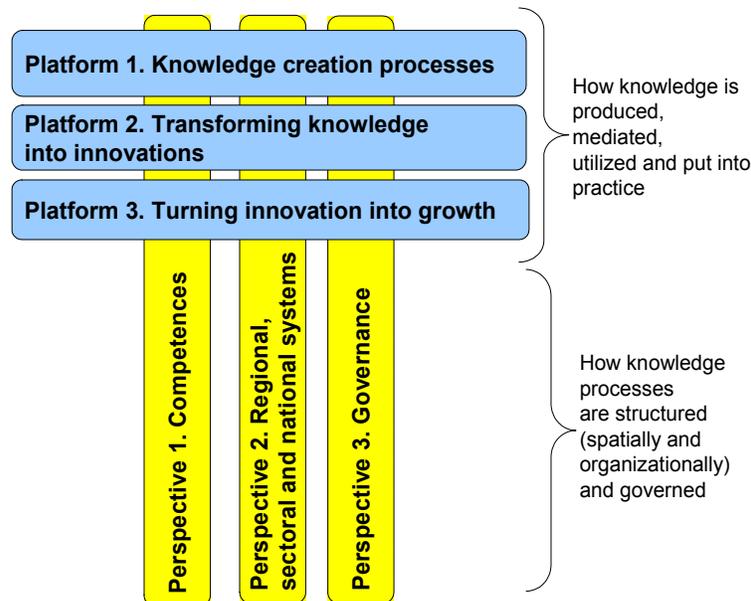
The research carried out at CIRCLE up to and including 2009 largely followed the updated plan of action submitted to VINNOVA in January 2007 as the basis for the second term of funding (January 2007 to June 2010, – please see www.circle.lu.se). As before, the four main research areas established in the original VINNOVA program have been a guide for research at CIRCLE, as they cover its core academic interests in innovation and knowledge creation. They are:

- learning in innovation systems and the consequences of R&D and innovation for productivity growth;
- international comparison of innovation systems;
- the entrepreneurial university and the creation of research-based firms;
- a comparative perspective on public policy in the field of innovation, R&D and competence building.

All these areas deal, in various ways, with innovation, entrepreneurship and knowledge creation in globalizing learning economies. They are therefore central to CIRCLE's programme of Linnaeus' research, into which the VINNOVA program was gradually integrated during 2007-2008. The Linnaeus research milieu is organized into three thematically structured horizontal research *platforms* and three vertical *perspectives*, rather than along traditional disciplinary lines. In bringing together and integrating relevant knowledge and expertise, each platform/perspective conducts basic research around key research issues at the individual, organizational and societal levels. The platforms and perspectives cover the full cycle of knowledge creation, knowledge exploitation and knowledge-based growth, including feed-back loops and interaction processes that span these distinct stages of the cycle. The relations

between platforms and perspectives are illustrated in Figure 1 (the Linnaeus research program is available at www.circle.lu.se)

Figure 1: Research platforms and perspectives.



As all the major elements Circle’s “old” research program are present in the new research program, there is a great deal of continuity and overlap between its ‘old’ and ‘new’ research programs. In effect, the three platforms of the new program consolidate and extend the themes defined in the ‘research areas’ of the old program, but, arguably, the new program provides a better framework for integration via cross-cutting perspectives as illustrated above.

1.2 RESEARCH RETREAT

In 2009 CIRCLE staff spent two days on mapping its research activities and formulating central research questions on innovation. Two of the goals of the retreat were to allow everyone in CIRCLE’s growing team of researchers to get an in-depth orientation of everyone’s current activities and future research interests, and to discuss CIRCLE’s organizational research context (comparable institutes, funders, research blind spots and opportunities). Thereafter, the groups spent a day on group discussions identifying research themes and possible group formations. This involved elaboration of research questions and identification of possible future paths/projects/targets for CIRCLE. The areas identified as current focal points, and pertinent ones for future exploration, may be said to concretely represent the research themes above. They were (1) innovation policy (including ‘key actors in innovation’, ‘regions and innovation’ and ‘operationalization of innovation’), (2) key trends in innovation (including ‘globalization of knowledge and development’, ‘sustainable innovation’ and ‘innovation in the public

sector'), and (3) innovation, institutions and culture (including 'creative environments', 'skills and competences for innovation' and 'development blocks in innovation').

Over the course of this year (2010), these areas will be further explored and deepened, as well as function as inspiration for project formulation.

1.3 PUBLICATIONS

CIRCLE's 2009 publications are presented in section 6 of this report, and listed on an individual basis. Section six also provides a citation count on an individual basis. The publications broadly cover the four prioritized research areas of CIRCLE: R&D and growth, innovation systems, entrepreneurial activities (both firms and universities) of importance for innovation and growth, and public innovation policy and governance. Additionally, the publication record demonstrates a well-developed international network where CIRCLE researchers co-publish with researchers in other countries. Thus, we can conclude that so far the research activity at CIRCLE has fulfilled the goals and ambitions put forward in the plans of action presented to VINNOVA in 2004 and 2007, as well as to the Swedish Research Council in 2006.

The CIRCLE Electronic Working Paper Series is intended to be an instrument for early dissemination of research undertaken by CIRCLE researchers, associates and visiting scholars, and to stimulate discussions and critical comments. The working papers present research results that are suitable for submission to a refereed journal or to a book editor – or have already been submitted and/or accepted for publication. Altogether, 14 WPs were published on-line in 2009.

External Research Connections and International Advisory Board

CIRCLE has well established connections with some of the most prominent research environments in the fields of innovation, entrepreneurship and economic growth, e.g. through its membership of the two EU Networks of Excellence, DIME and PRIME (section 1.1). The importance of these international networks is further underscored by the high level of participation by researchers from CIRCLE, as well as by guest lectures, in international conferences, seminars and workshops, and academic assignments listed in section 7 below. Also worth mentioning here is CIRCLE's International Advisory Board, which advises on and evaluates research activities undertaken and planned. The members of the International Advisory Board for 2009 were Professor *Bart van Ark*, University of Groningen, the Netherlands, Professor *Phil Cooke*, Cardiff University, UK, Professor *Susan E. Cozzens*, Georgia Tech, Atlanta, USA, Professor *Maryann Feldman*, Georgia State University, Athens, USA, Professor *Merik Gertler*, University of Toronto, Canada, Professor *Richard Harrison*, Queens University, Belfast, Northern Ireland, and Professor *Bengt-Åke Lundvall*, Aalborg University, Denmark.

1.4 CIRCLE SEMINARS 2009

The brown-bag seminars, which started in late autumn 2008 as a monthly activity, continued in 2009. These informal mini-seminars have provided an arena for sharing new ideas on research projects, information about ongoing activities and new staff introductions. The core seminar activity consists of internal and invited scholars presenting new research on innovation. These seminars are well attended by a cross-section of Lund University. The following seminars were organized at CIRCLE during 2009:

FEBRUARY 2009

Astrid Szogs (CIRCLE): *Intermediate organizations and innovation systems in Tanzania* (PhD end seminar)

MARCH 2009

Jon Mikel Zabala (CIRCLE): *Current and future research*

APRIL 2009

Jerker Moodysson (CIRCLE) and Martin Henning (Department of Social and Economic Geography): *Regional competitiveness, innovation systems, and economic evolution: New perspectives on Scanian clusters*

Olof Ejermo (CIRCLE): *The impact of related variety on technological development*

MAY 2009

Fumi Kitagawa and Caroline Wigren (CIRCLE): *Knowledge exchange and transfer from 'strong research environments': The Linneus centers at Lund University*

JUNE 2009

Carlota Perez (Cambridge University., Sussex Univ. and Univ. Of Tallin) and Lennart Schön, (Lund University): *Financial crises and technology shifts*

SEPTEMBER 2009

Marko Hekkert (Innovation Studies Utrecht University): *Typical failures in the emergence of sustainable innovation systems*

BJÖRN ASHEIM, DEPUTY DIRECTOR
(PROFESSOR, ECONOMIC GEOGRAPHY)

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

Email: bjorn.asheim@circle.lu.se

SOFIA AVDEITCHIKOVA
(ASSISTANT PROFESSOR)

Keywords: Entrepreneurship finance, venture capital, informal venture capital, business angels, geographical aspects of venture investments, innovation policy

Email: sofia.avdeitchikova@circle.lu.se

MATS BENNER (PROFESSOR, RESEARCH
POLICY)

Keywords: Research policy, research organization, management of large-scale research groups, leadership and change in academic organizations, research evaluation

Email: mats.benner@fpi.lu.se

SUSANA BORRAS (PROFESSOR, PART-
TIME)

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

Email: sb.cbp@cbs.dk

CHRISTINA BRATT (FINANCIAL
CONTROLLER)

Keywords: Economic administration, financial project management

Email: christina.bratt@circle.lu.se

CRISTINA CHAMINADE (ASSOCIATE
PROFESSOR)

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

Email: cristina.chaminade@circle.lu.se

LARS COENEN (ASSISTANT PROFESSOR,
INNOVATION STUDIES) – 20% LEAVE 2009

Keywords: Geography of innovation, regional innovation systems, sustainability and competitiveness, eco-innovation, socio-technical transitions, innovation and energy policy

Email: lars.coenen@circle.lu.se

CHARLES EDQUIST, DIRECTOR
(PROFESSOR)

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,

Email: charles.edquist@circle.lu.se

OLOF EJERMO (ASSOCIATE SENIOR LECTURER, INNOVATION ECONOMICS)

Keywords: Regional economics, the economics of innovation and technical change, patent analysis, technology specialization, R&D and growth, innovation indicators

Email: olof.ejermo@circle.lu.se

JAN FAGERBERG (PROFESSOR, PART-TIME)

Keywords: Innovation, competitiveness and growth, national competitiveness, innovation systems, catching up, path dependency and innovation

Email: jan.fagerberg@tik.uio.no

JONAS GABRIELSSON (ASSOCIATE PROFESSOR) – 30% LEAVE 2009

Keywords: Academic entrepreneurship, research-based venturing, corporate governance, entrepreneurial learning and competence building

Email: jonas.gabrielsson@circle.lu.se

HÖGNI KALSÖ HANSEN (POST-DOC)

Keywords: Regional development and competitiveness, city regions, talent mobility, skills provision, migration, creative class thesis

Email: hogni.kalso_hansen@circle.lu.se

TOMAS HELLSTRÖM (PROFESSOR)

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

management, design management, creativity

Email: tomas.hellstrom@circle.lu.se

MERLE JACOB (PROFESSOR, RESEARCH POLICY)

Keywords: Research policy, university-society relations, university development, higher education management, research management

Email: merle.jacob@circle.lu.se

ELNA JÖNSSON (FACILITY MANAGER)

Keywords: Facility management, management support

Email: elna.jonsson@circle.lu.se

ASTRID KANDER (ASSOCIATE PROFESSOR)

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

Email: astrid.kander@ekh.lu.se

FUMI KITAGAWA (ASSISTANT PROFESSOR)

Keywords: Higher education policy, higher education and regional development, universities in the innovation system, regionalization of science and innovation, multi-level governance of innovation.

Email: fumi.kitagawa@circle.lu.se

**HANS LANDSTRÖM (PROFESSOR,
ENTREPRENEURSHIP)**

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

**ANA MAFALDA MADUREIRA (PHD
CANDIDATE)**

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

Email: ana_mafalda.madureira@circle.lu.se

CLAES MALMBERG (PHD CANDIDATE)

Keywords: Industrial evolution, long-term dynamics of innovation and economic growth, innovation indicators, pharmaceutical industry, telecommunications

Email: claes.malmberg@circle.lu.se

ROMAN MARTIN (PHD CANDIDATE)

Keywords: Economic geography, regional innovation systems, R&D efficiency and productivity analysis, STI Policy, Geographic Information Systems (GIS)

Email: roman.martin@circle.lu.se

**JERKER MOODYSSON (ASSISTANT
PROFESSOR) – 20% LEAVE 2009**

Keywords: Economic geography, regional innovation systems, regional innovation policy,

institutional entrepreneurship, knowledge creation, innovation processes

Email: jerker.moodysson@circle.lu.se

JAN-EVERT NILSSON (PROFESSOR)

Keywords: Regional development, innovative regions, industrial districts, spatial and regional planning, regional policy

Email: Jan-Evert.Nilsson@circle.lu.se

MAGNUS NILSSON (POST-DOC)

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

Email: magnus.nilsson@circle.lu.se

BO PERSSON (ASSISTANT PROFESSOR)

Keywords: Swedish research and innovation policy, public administration, public funding agencies, local and regional innovation policy, innovation policy instruments

Email: bo.persson@circle.lu.se

MONICA PLECHERO (PHD CANDIDATE)

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

**LENNART SCHÖN (PROFESSOR,
ECONOMIC HISTORY)**

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

**EMELIE STENBORG (STUDY
COORDINATOR ESST-PROGRAM)**

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

Email: emelie.stenborg@circle.lu.se

ASTRID SZOGS (PHD CANDIDATE)

Keywords: Innovation Systems in Least Developed Countries (LDCs), technology transfer, informal economy, technological upgrading, intermediate organizations, indigenous SMEs

Email: astrid.szogs@circle.lu.se

FRANK VAN DER MOST (POST-DOC)

Keywords: Research evaluation, organization of

research, societal evaluation, use and effects of evaluations, research funding organizations (RFOs), funding instruments, nanotechnology

Email: frank.van_der_most@circle.lu.se

MAREILE WALTER (PHD CANDIDATE)

Keywords: Regional development, university-society interaction, urban planning and design, innovative regions, city redevelopment, multi-level governance

Email: mareile.walter@circle.lu.se

**WIGREN, CAROLINE (ASSISTANT
PROFESSOR) – 20% LEAVE 2009**

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

Email: caroline.wigren@circle.lu.se

JON MIKEL ZABALA (POST-DOC)

Keywords: Regional innovation policy, evaluation of innovation policy, R&D efficiency and productivity, benchmarking, RIS indicators

Email: jon_mikel.zabala@circle.lu.se



3. NEW PEOPLE AND APPOINTMENTS 2009

3.1 NEW EMPLOYEES DURING 2009

The following accounts are summaries of interviews conducted in December 2009.

SOFIA AVDEITCHIKOVA (ASSISTANT PROFESSOR IN ENTREPRENEURSHIP)

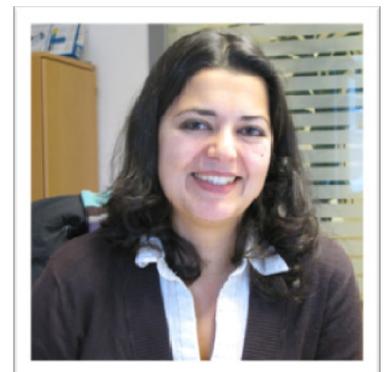


Sofia has a MSc in Business Administration from Lund University, with a focus on strategic management. She specialized in Brand Management with a thesis on the problem of optimizing brand portfolios. From 2004-2008 she was a PhD candidate at the Department of Business Administration, where she worked in the area of entrepreneurship, focusing especially on the structure and function of informal venture financing and the phenomenon of business angels. In 2004 when Sofia started out, the understanding of business angels and informal venture capital was rather weak, and her work contributed to providing an empirical foundation and structuring the discourse on this topic. In fact, the problem of definitions appeared as a central challenge during her thesis work. What is it that one refers to when talking about business angels, informal venture capital, non-institutional investors etc? And are there specific strategies that separate these? In addition, Sofia's dissertation took a step towards exploring the geographical characteristics of informal venture capital investing, both on the market level and from the perspective of an individual investor. The position at CIRCLE will be devoted to exploring several

leads provided by her thesis work, particularly the issue of how geographical factors impact on investment behavior, and what forms of 'distance' are relevant when an informal investor decides to support a venture. These may include not only geographical distances, but also distances in terms of knowledge required for understanding the business (cognitive distance), the existence and types of social ties between the investor and the entrepreneur (social distance), as well as differences and similarities in values and rules of behavior (institutional distance). Sofia is also interested in public policy aspects of informal venture capital, particularly the effectiveness of policy measures for stimulating informal investing and the role of national contexts in developing and implementing policy measures.

ANA MAFALDA MADUREIRA (PHD CANDIDATE)

Mafalda graduated from Oporto University, Portugal, in 2003 with an MSc/Diploma degree in Geography. Later she joined the masters program in Spatial Planning and Regional Development at Blekinge Technical University. She specialized in urban sprawl as a consequence of the development



of the Öresund region. During this period she also worked on various research projects, among others a VINNOVA project on effects of structural funds for innovation support, and a project on benchmarking tools for cluster identification and support in collaboration with Aalborg University. Her thesis topic concerns urban transformation towards a post-industrial economy, and how specific neighborhoods are affected by, and may respond to such changes. This involves studying comprehensive plans, and interviewing city planners and others involved in urban renewal. Mafalda has picked two environments for closer scrutiny, both in Malmö, where one has been actively planned as a 'post-industrial/creative neighborhood', and the other has evolved into this without consciously being planned in this way. At the moment she is working on a benchmarking study on what other cities have done in terms of urban transformation. The opportunities for intellectual interaction, and an international outlook, attracted Mafalda to CIRCLE.

ROMAN MARTIN (PHD CANDIDATE)



Roman studied geography in Germany, Austria and France. He took a Masters degree in Economic Geography in Hannover in 2008, with thesis work at the Fraunhofer ISI on the efficiency of the R&D activities in EU regions. Roman's interest in R&D efficiency still holds strong, and in the months after his acceptance to the CIRCLE PhD program, he expanded his methodological and empirical focus. On the methodological side, he is now exploring qualitative and case study approaches to

complement the quantitative specialization of earlier work. The empirical perspective has also been expanded, from a narrow efficiency perspective to looking more broadly at regional knowledge flows and how these relate to R&D and innovation. Roman is also currently involved in the 'Constructing Regional Advantage' project at CIRCLE, and in developing CIRCLE's web presence. Having already had the opportunity to participate in a few international conferences in 2009, Roman is looking forward to publishing his work in international journals, and also to being involved in student-related activities, perhaps in relation to developing web-based study tools.

FRANK VAN DER MOST (POST-DOC IN RESEARCH POLICY)

Frank has a background in computer science from the University of Twente, and an MA degree in Science and Technology Studies from Maastricht University. He then spent a few years doing project research at Maastricht University and the University of Twente in various fields, e.g. history of technology, research evaluation and science policy. He has also developed his own business specializing in annotation software for historians. From 2004 to 2009, Frank was enrolled as a PhD candidate at the Department of Science, Technology, and Policy Studies (STePS) at the University of Twente. His thesis focused on how research councils respond to new fields of research, such as nanotechnology. The study was conducted as a comparison of Finland, the Netherlands, Norway and Switzerland, and suggested that research councils' often-quoted conservatism stems in



large part from their dependence on researchers. Disciplinary conservatism gets translated into organizational conservatism on the council level, where funding often is conducted on the basis of disciplinary divisions. The emergence of new fields, like nanotechnology, usually means that money is redistributed, with winners and losers, and thus has (political) repercussions for the funding system. One of the insights of this research was that if one wants to launch a new interdisciplinary program, it should be done outside rather than inside the established disciplinary funding structures and university organizational structures. Frank will spend the next few years investigating the practice of 'societal evaluations' of research, namely methods and institutional implications of using stakeholder groups, users and other 'measures of social relevance' in evaluating research. Secondly, he will investigate the uses and effects of research evaluations. Two central questions are: what are the conditions for use/non-use of research evaluation? And how can funding organizations use evaluations to become more socially responsive?

MONICA PLECHERO (PHD CANDIDATE)



Monica has a background in Business Administration from Ca Foscari, University of Venice (IT), where she graduated in 1999. After graduation she worked for several years as a consultant, mainly on issues related to innovation policy and strategy, for public and private organizations. Starting in

2007-2008, she participated in the ESST Masters program at Roskilde University (DK) and later at CIRCLE. After having obtained her Master's degree, she was hired for several projects at CIRCLE, and got administrative as well as research responsibilities, for example with data collection and analysis. Her focus as a PhD candidate is on globalization and innovation in developing countries. Together with Cristina Chaminade, she is researching emerging regional innovation systems and their relation to global flows of knowledge. Empirical focus is mainly on China and India, and the automotive and software industries there. Monica is particularly interested in understanding how the competence profiles of firms are impacted by knowledge flows (e.g. knowledge acquisition from abroad) in conjunction with certain aspects of the regional innovation systems where they operate. In the next few years at CIRCLE, she looks forward to deepening her knowledge in this area and being able to spread the growing number of exciting results as widely as possible.

JON MIKEL ZABALA (POST DOC IN INNOVATION STUDIES)

Jon Mikel graduated as an Industrial Engineer from the Mondragon University in the Basque Country. In 2003 he enrolled in the PhD program of the Department of Engineering Projects at the Polytechnic University of Valencia, where he got his PhD degree in 2008. The thesis work focused on the use of Science Technology and Innovation (STI) indicators as a tool to benchmark innovation in regions. On the basis of his thesis, he developed an efficiency orientation in the analysis of regional



innovation systems as a complementary approach to the ones traditionally used. During this time he also worked on policy evaluations, with a particular focus on the Regional Innovation Strategies (RIS) programme of the European Commission. During the course of his PhD work he also spent some time at the Technical Research Center of Finland (VTT) in Espoo. The post-doc position at CIRCLE has not only enabled him to continue and expand his earlier work on STI indicators, but also to develop a new research stream on public procurement for innovation, together with Charles Edquist, within the AEGIS project (Advancing Knowledge-Intensive Entrepreneurship & Innovation for Economic Growth and Social Well-being in Europe). As part of the same project, he is also planning to work on the combination of the entrepreneurship and innovation systems approaches. Since his arrival, he has initiated, and enrolled several people at CIRCLE in, the AEGIS project, while continuing to cooperate with his Spanish and Finnish research partners. He has also developed and run a graduate course on Tools for Innovation Management at the Faculty of Engineering at Lund University (LTH). In the coming years he hopes to further develop his funding applications skills, and expand his research on policy evaluation and innovation studies.

MAGNUS NILSSON (POST-DOC IN REGIONAL INNOVATION STUDIES)

Magnus has a background in Business Administration from Lund University and graduated with a Masters degree in 2002. He

started his PhD studies in 2003 at the Department of Business Administration in Lund, with research on food industry clusters in Sweden (Scania) and Canada (Ontario). The study was a comparative one where he used perspectives from strategic



management (resource based theory) and cluster theory. The purpose was to identify and analyze cluster-specific resources and thereby investigate to what extent and in what ways firms' abilities to create and sustain competitive advantage are affected by their location in a cluster of co-located actors. The research showed how companies tended to use resources in their close surroundings, especially information and knowledge, and how the clusters facilitated the identification, evaluation, appropriation and utilization of firm-external resources. Magnus is currently continuing this work, in particular by focusing more specifically on the role played by trust and knowledge transfer in inter-organizational networks of co-located actors. Magnus has also written a book, to be published in 2010, together with CIRCLE researchers and affiliates on innovation and regional development in Skåne. The next few years will be devoted to project leadership and research within an EU framework program project on networks in the food industry, as well as to research funded by a four-year Wallander stipend.

3.2 NEW APPOINTMENTS 2009

The following new CIRCLE positions were awarded in competition with external candidates, and appointed in 2009.

- *Olof Ejeremo*, previously Assistant Professor at CIRCLE was the successful applicant for the position of Associate Senior lecturer in Innovation Economics.
- *Astrid Kander*, previously Assistant Professor at CIRCLE was the successful applicant for the position of Senior Lecturer in long term economic growth, energy and the environment.

3.3 VISITING SCHOLARS

The following people spent from one to six months as visiting researchers at CIRCLE during 2009:

- Bram Timmermans (Aalborg University)
- Cornelia Meissner (City University of London)
- Jose Luis Hervas (University of Valencia)
- Ly Ping (Graduate University of Chinese Academy of Sciences)
- Ingrid Helene Garmann Johnsen (University of Agder, Norway)

4. EDUCATION AT CIRCLE

Education at CIRCLE is focused on two main activities: The ESST (European Studies of Society, Science and Technology) masters program, which runs for two years, and courses offered at the Faculty of Engineering (LTH) at Lund University. In addition, staff employed at CIRCLE teach extensively at other faculties at Lund University, particularly the School of Economics and Management (EHL), and also to some extent at the Faculty of the Social Sciences. Lecturing and teaching outside Lund University is also common.

The ESST program is a truly European master's program, run by eight universities around Europe, and with student mobility between these. It represents

"... a program of teaching and research devoted to study of science and technology in society, in both historical and contemporary perspectives. The ESST program has affiliated faculty with strong interests in the intersections of science and technology with public policy, cultural change, and economic development." (www.esst.eu).

The CIRCLE ESST program mixes innovation systems and research policy perspectives with Science & Technology Studies (STS) broadly to develop the students' analytical skills in the area of social change and scientific and technological innovation. The program attracts students of all backgrounds: social scientists, engineers and the humanities. In 2009 the program was restructured and now includes the following course components:

- History of Science and Technology
- Economics of Innovation
- Governance of Science
- Science, Technology and the Media
- Geography of Innovation
- Science, Technology and Sustainability

Teaching is done cooperatively with the Research Policy Institute (RPI) at Lund University, and the students can specialize and receive supervision in either Innovation Studies or Research Policy. Students find employment in science and technology policy, intermediary organizations, business firms (innovation management) and in NGOs.

Picture legend: The ESST program at CIRCLE is highly interactive and problem oriented. Students are challenged to find solutions to real world problems in for example research policy and innovation policy Science and Technology Policy.

Since 2004 CIRCLE has offered elective courses in the Engineering Faculty (LTH) at Lund University (LTH). Courses include 'Introduction to Innovation Management', 'Tools for the Management of Innovation' and 'Global Competition in High Technology Sectors'. These courses 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 Production Economics, LTH. These courses will build on the previous ones offered, and add one newly developed course – *Entrepreneurship in New and Existing Firms*.

The *Business and Innovation* specialization at LTH is a two-year program with a distinct management approach, which aims to develop the students' ability to lead organizational renewal as well as to develop and realize strategies for innovation in the firm. CIRCLE's involvement in this program represents about half of the program as a whole. It will further strengthen CIRCLE's profile in innovation management and strategy on the firm level, as well as deepen its connection to the engineering disciplines at Lund University.

The CIRCLE PhD program continued during 2009. The program involves six PhD candidates, who receive their PhD training in collaboration with the engineering faculty, the economics faculty and the social science faculty, as well as Blekinge Technical University (BTH).



5. NEW AND ONGOING PROJECTS AT CIRCLE

In addition to the initial base grant from VINNOVA (running for six years) and the Linnaeus grant (running for ten years), several new research grants were won in 2009, from national (e.g. VR and Region Skåne) as well as international (e.g. EU and NOS-HS) sources. Some of the new research programs are presented in this section. Table 1 provides an overview.

Table 1: External funding 2009

Financier	Project Title	Project Manager/ Researchers	Amount (SEK)	Time Period
RJ	The next generation of regional innovation policy	B.T. Asheim J. Moodysson	3 400 000	2010-2013
VR	Constructing Regional Advantage: Towards a state-of-the-art Regional Innovation System in Europe	B.T. Asheim J. Moodysson	2 918 598	2007-04-24- 2010-12-31
VINNOVA	Effects on Small and Medium Size Enterprises from VINNOVA programs	O. Ejermo K. Bergman J. Fischer H. Hansen J. Moodysson O. Hallonsten	1 417 000	2009-2010
Region Skåne	Regional competitiveness, innovation systems and economic change: New perspectives on Scanian clusters	J. Moodysson M. Nilsson	420000	2009-2010
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/DIME	Exploring the Knowledge Base of the 'Knowledge Economy' (EXPLORE)	J. Fagerberg	1 200 000	2009-2010
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

Financier	Project Title	Project Manager/ Researchers	Amount (SEK)	Time Period
EU	INGINEUS	C. Chaminade M. Plechero S. Borrás	2 500 000	2008-07-01-- 2011-06-30
VR	Innovation as an driver for development: supporting innovative clusters in South Africa	C. Chaminade	450 000	2008-01-01 -- 2010-12-31
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	Dynamic Labour Markets: Competence, Talent, Mobility	B.T. Asheim H. Hansen	2 700 000	2007-01-01-- 2009-12-31
VINNOVA	R&D, Innovations and Growth	O. Ejermo A. Kander	1 500 000	2007-07-01-- 2011-12-31
VR	Emerging Trends in Asia: from Cost Based Producers to Global Suppliers of Innovations	B.T. Asheim C. Chaminade M. Plechero	2 700 000	2007-01-01-- 2010-12-31
VR (Linnaeus Grant)	Innovation, Entrepreneurship and Knowledge Creation: Dynamics in Globalising Learning Economies- Linnaeus Research at LUCIE	C. Edquist	50 000 000	2006-07-01-- 2016-06-30
VINNOVA (Phase 2)	CIRCLE-Innovation System Research	C. Edquist	10 500 000	2007-01-01- 2010-06-30

Some of the new projects initially funded during 2009 are briefly described below.

EFFECTS ON SMALL AND MEDIUM SIZE ENTERPRISES FROM VINNOVA PROGRAMS (VINNOVA)

This study analyzes effects of public innovation support on a selection of small and medium-sized firms which have received grants from VINNOVA (the Swedish Governmental Agency for Innovation Systems) through the programs Forska&Väx and VINN NU. The focus has been on observing behavioural change within supported firms, referred to as behavioural additionality in the literature. We distinguish between scale, acceleration and scope effects, the latter specified as changed behaviour with regard to products and markets, networks, human capital, and innovation management. The study also discusses the strength of observed additionalities, and assesses to what extent the observed additionalities are dependent on contextual factors such as firm size, firm age, size of grant, type of grant, and time from grant to observation. The main method applied for identifying additionalities and specifying their type and strength are focused semi-structured interviews. Thirty four firms were interviewed during the period May-September 2009. The analysis

of impact on contextual factors (size, age, timing etc) draws on a combination of interviews and register data.

Several concrete examples of additionality are identified. Scale and acceleration are the most commonly found additionality effects. Both are strongly conditioned by the size of support, the type of program and the size of the firm. Scope additionalities with respect to new products and new markets are also common, primarily among the larger firms supported by Forska&Väx. This type of additionality is conditioned by the age of the firm and the time elapsed from when the firm first received its grant to observation. The other types of scope additionalities (networks, human capital and innovation management) appear less frequently and less strongly. They may be considered to have less thorough impact on the firms long-term orientation and performance. In addition to the additionalities targeted through the study, there are clear signs that public support results in a signalling, "quality assurance" effect. VINNOVA, through its support, sends signals to other potential investors that the company is worth investing in.

The main conclusion from the study is thus that public support for innovation contributes to reducing the risk in firms in stages of business formation, and to reorientation of existing firms. The project was managed by Olof Ejermo, and the participants were K. Bergman, J. Fischer, H. Hansen, J. Moodysson and O. Hallonsten.

ORGANIZATIONAL CHANGE FOR INNOVATION AND INSTITUTIONAL ENTREPRENEURSHIP IN HEALTH-CARE SYSTEMS

Using case studies from Sweden, Norway and Finland and comparing them across cases and countries, this project seeks to investigate the organizational change processes and innovation underpinning the creation and modification of clinical practices from the point of view of human agency. Research questions to be explored are: a) how do institutions facilitate and/or hamper organizational innovation in the Nordic health-care systems and b) how do key actors influence the course of events and aim to change the very same institutional setting they are embedded in. The unit of analysis is individual

actors in a specific context. The project represents an explorative and intensive study that applies innovation biography method to a study on organizational change. Thus, the aim is to give as full an account as possible of the specific cases by presenting narratives highlighting various aspects of the sequence of events, including details of personal experiences of the key actors as well as case specific 'meta-narratives' that provide us with a comprehensive explanation of what happened, why and how. Qualitative comparative analysis (QCA) will be utilized in the cross-case and cross-country analyses. The cases to be focused on are: 1) Clinical Cancer Research using Emerging Advanced Technologies for Health; 2) Strategic Research Center for Stem Cell Biology and Cell Therapy; 3) Centre for research on pharmaceuticals at Lund University; 4) Melody (use of sensors in the human body); 5) Oslo Cancer Cluster; 6) the Norwegian Centre for Telemedicine 7) Regea - Institute for Regenerative Medicine; 8) the Heart Center, Tampere University Hospital; 9) Finohta (health care technology assessment in Finland). Jerker Moodysson and Björn Asheim are responsible for the project at CIRCLE.

THE MULTIPLICATIVE RELATIONSHIP AND EFFECTS OF ENTREPRENEURSHIP AND INNOVATION

This project is funded by the Swedish Research Council and conducted together with the Halmstad University College starting in 2009-2010. All innovators are not entrepreneurs and entrepreneurs are not always innovators. Sweden is a leading country when it comes to investments in R&D but performs much worse when it comes to entrepreneurial activity. Previous studies have shown that innovations are exploited in the intersection between opportunities for entrepreneurial profit and individuals with motivation and ability to spot and seize an opportunity. Only one or two of these factors cannot replace another. Sweden, with its special conditions, is a suitable study object to examine the multiplicative effects between entrepreneurship and innovation. The project seeks answers to the following questions: To what extent are new firms started up based on new patents? Why do some patents lead to new firms while others are not exploited at all? What role does the character of the opportunity and the motivation and ability of the person, who exploits the opportunity, play for the survival and success of new firms? The project includes two related empirical studies. For the first study, a patent database will be created to analyze the extent to which patents are exploited in new firms, established firms, or at all. These results will be used in the next phase where the underlying reasons for the observed patterns are analyzed through questionnaire and interview studies. The central question is whether they can be related to a) the character of the opportunity, and b) the motivation and c) ability of the person who exploits the opportunity, and its multiplicative effects. Jonas Gabrielsson is involved on the CIRCLE side of the project.

AEGIS - ADVANCING KNOWLEDGE-INTENSIVE ENTREPRENEURSHIP AND INNOVATION FOR ECONOMIC GROWTH AND SOCIAL WELL-BEING IN EUROPE

This large-scale integrated project, funded by the European Union FP7, studies the interactions of knowledge, innovation, economic growth and social well-being in Europe. The project moves away from a person-centric view of entrepreneurship to consider entrepreneurs as generating or using knowledge. They are seen as members of networks, systems, and society, involved in dynamic processes of innovation and transformation. The main ideas behind this project are related to the perception of knowledge-intensive entrepreneurship as a necessary mechanism and an agent of change, mediating between the creation of knowledge and innovation and their transformation into economic activity.

The AEGIS project has three main objectives:

- At the micro level, it examines in depth the act of knowledge-intensive entrepreneurship, its defining characteristics, boundaries, scope and incentives.
- At the macro level, it studies the linkage of knowledge, entrepreneurship, economic growth and social well-being.
- At the policy level, the project takes a systemic approach to linking and integrating diverse sets of policies that influence the creation and growth of innovative entrepreneurial ventures based on knowledge generation and diffusion.

CIRCLE researchers involved are Professor Charles Edquist (leader of the CIRCLE part), Associate

Professor Jonas Gabrielsson, Associate Senior Lecturer Olof Ejerme, and post-doc Jon Mikel Zabala. The coordinators of the project are Professor Franco Malerba, University of Bocconi, Milan, and Yannis Caloghirou, Athens, Greece.

INGINEUS

This project, also funded by the EU FP7, addresses the impact of globalisation and the rapid growth of selected, emerging economies on the competitiveness and strategies of European Union firms, industries and regions. The project brings together researchers from EU countries (Italy, Denmark, Germany, Estonia, Sweden, Norway and United Kingdom) and from some of the most important emerging economies in the world (notably Brazil, China, India, and South Africa).

The four main objectives of the project are:

- to understand the transition of global production networks to global knowledge and innovation networks.
- to understand the capacity of emerging countries to accumulate and use knowledge and capabilities that allow them to participate in global innovation networks.
- to assess the dynamic impact of off-shoring of knowledge-intensive activities in firms and evaluate the long-run costs and benefits of emerging global innovation networks in a range of industries (differentiated by research intensity and the drivers of technical change), and how their gains are being distributed between European and emerging economies' industries and regions.
- to analyse the institutional frameworks in Europe and in emerging economies that are relevant for the creation and anchorage of global innovation networks in national and regional systems, and to derive specific policy recommendations from this study aimed at improving these institutional frameworks in both the EU and emerging economies.

CIRCLE staff involved are Associate Professor Cristina Chaminade (leader of the CIRCLE part), PhD student Monica Plechero, and Professor Susana Borrás. The coordinator of the project is Alireza Naghavi, Fondazione Eni Enrico Mattei, Italy.

SWINNO – SWEDISH INNOVATIONS 1

This project is funded by VINNOVA. A central aim of the project is to construct a comprehensive database of innovations in manufacturing since 1996, based on the model of SFINNO, the database of Finnish innovations at the Technical Research Centre of Finland (VTT). The project is being pursued in close cooperation with VTT and Jani Saarinen, who has his PhD from the Department of Economic History at Lund University, with a thesis on innovations in Finnish manufacturing dating back to 1945. The intention is also to extend the Swedish database of innovations further back in time in order to develop the analyses of technical change and growth. The CIRCLE researcher involved is Astrid Kander, who is the project leader in collaboration with Jonas Ljungberg at the Department of Economic History. The project also funds PhD students Karolin Sjöo and Josef Taalbi.

INNOVATION EFFICIENCY AND ECONOMIC DEVELOPMENT (VINNOVA)

A focal point of this research is a unique database, consisting of data on economic and innovation activities on the firm and individual level, that has been constructed in a collaboration of CIRCLE, CESIS, Statistics Sweden and VINNOVA. The project entails a deepening of CIRCLE's competence development in innovation economics by building a closer long-term cooperation of people already connected to the centre and active in this research area. Dynamic possibilities are also created by closer ties with the Department of Economics in Lund. The project further stimulates the development of courses in innovation economics. Finally, research will be conducted on a number of issues in innovation economics in cooperation with researchers at other centres (such as CESIS), at CIRCLE, the Department of Economic History and the Department of Economics.

The project serves multiple purposes. Research will be conducted on issues designed as sub-projects concerning innovation efficiency, such as: "Firm size, R&D and innovations", "The R&D-innovation frontier and economic productivity", "Wage structure, R&D and innovations", "Connections between innovation, productivity and employment at the firm level", "Internationalization, technology spillovers and innovations", "Mobility of individuals and their importance for innovations" and "A text book in innovation economics". CIRCLE researchers involved are the project leaders Lennart Schön and Olof Ejermo.

SUSTAINABLE GROWTH, ENERGY AND INNOVATION (VINNOVA)

The purpose of the project is to increase knowledge regarding the long-term interrelations of energy, greenhouse gases and economic growth, especially the effects of innovations and political means on these interrelations. Economic History research has recently shown a growing interest in the interrelations of energy and economic growth. Quantitative studies by Lennart Schön and Astrid Kander on Swedish energy consumption and growth have stimulated economic historians in other countries to make comparable studies. The LEG (Long Term Energy Growth) network, led by Astrid Kander, analyses the historical energy consumption. This project will take the analyses one step further. Qualitative methods will be combined with quantitative methods to address the indirect reasons for the changed interrelations mentioned above. CIRCLE researchers involved are Lennart Schön and Astrid Kander.

Many of the projects described in the review above have been conceived as attempts to integrate parts of the four research areas of CIRCLE and VINNOVA and Linnaeus programmes, as well as to complement and consolidate ongoing research.

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6.6 PAPERS ACCEPTED 2009

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Liu, J. & **Chaminade, C.** Dynamics of a technological innovator network and its impact on technological performance. *Innovation Management Practice & Policy*. December.

CHARLES EDQUIST

Chaminade, C. & Edquist, C. Rationales for public policy intervention in the innovation process: A systems of innovation approach', in Kuhlman, S., Shapira, P, Smits, R., *Innovation Policy – Theory and Practice. An International Handbook*. Edward Elgar, forthcoming 2010.

JAN FAGERBERG

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JONAS GABRIELSSON

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HÖGNI K. HANSEN

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Niedomysl, T & **Hansen, H.K.** (forthcomming) What matters more for the decision to move: jobs versus amenities *Environment and Planning A*

TOMAS HELLSTRÖM

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ASTRID KANDER

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ASTRID SZOGS

Szogs, A., Mwantima, K. Technological capability building in informal firms in the agricultural subsistence sector in Tanzania: assessing the role of Gatsby Clubs. *African Journal of Science, Technology, Innovation and Development*.

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Jiménez-Sáez, F., **Zabala-Iturriagoitia, J.M.**, Zofío, J.L., Castro-Martínez, E. Evaluating Research Efficiency within National R&D Programmes. *Research Policy*.

Zabala, J.M. Book review: Innovation Policy in Europe, Measurement and Strategy. *Science and Public Policy*.

SUSANA BORRÁS

Borras, S. *The Widening and Deepening of Innovation Policy: What Conditions Provide for Effective Governance?* **WP 2009/02**

CRISTINA CHAMINADE

Szogs, A., Cummings, A. & **Chaminade, C.** *Building systems of innovation in less developed countries: The role of intermediate organizations,* **WP 2009/01**

Liu, J. & **Chaminade, C.** *Dynamics of a Technological Innovator Network and its impact on technological performance,* **WP 2009/10**

LARS COENEN

Coenen, L. Raven, R.; Verbong, G.: *Local niche experimentation in energy transitions: a theoretical and empirical exploration of proximity advantages and disadvantages,* **WP 2009/08**

Coenen, L. & Díaz López, F. *Comparing systems approaches to innovation and technological change for sustainable and competitive economies: an explorative study into conceptual commonalities, differences and complementarities,* **WP 2009/12**

CHARLES EDQUIST

Edquist, C. *Public Procurement for Innovation (PPI) – a Pilot Study,* **WP 2009/13**

Edquist, C. & Zabala, J. M. *Outputs of innovation systems: a European perspective,* **WP 2009/14**

JONAS GABRIELSSON

Gabrielsson, J., Politis, D. & Tell, J. *University professors and research commercialization: An empirical test of the 'knowledge corridor' thesis,* **WP 2009/04**

Gabrielsson, J. & Tell, J. *Managerial learning and development in small firms: implications based on observations of managerial work,* **WP 2009/03**

MONICA PLECHERO

Plechero, M. *The Role of Local Universities in Improving Traditional SMEs Innovative Performances: The Veneto Region Case*, **WP 2009/11**

MAX ROLFSTAM

Rolfstam, M., Phillips, W. & Bakker, E.: *Public Procurement of Innovation Diffusion: Exploring the Role of Institutions and Institutional Coordination*, **WP 2009/07**

LENNART SCHÖN

Schön, L. *Technological Waves and Economic Growth - Sweden in an International Perspective 1850-2005*, **WP 2009/06**

ASTRID SZOGS

Szogs, A., Cummings, A. & Chaminade, C. *Building systems of innovation in less developed countries: The role of intermediate organizations*, **WP 2009/01**

JON MIKEL ZABALA

Zabala, J. M.; Hannemann, T.: *Product Development Decisions: An empirical approach to Krishnan and Ulrich*, **WP 2009/9**

Edquist, C. & **Zabala, J. M.** *Outputs of innovation systems: a European perspective*, **WP 2009/14**

6.8 CITATION ANALYSIS 2010 FOR CIRCLE

The citation analysis of 2010 concerns publications of CIRCLE staff until and including 2009, although publications in 2009 have not been out long enough to be cited. The analysis does not cover work by PhD student 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 Olof Ejeremo. The methodology used is presented in the appendix of this report. The citation numbers are presented in the table below:

Table 2: Citation Analysis 2010 for CIRCLE

Person	new ssci 2009	Google Scholar 2009	Google Scholar 2009, fractions
Asheim, Bjørn	947	3758	2466.66
Avdeitchikova, Sofia	4	19	15.17
Benner, Mats	70	534	293.48
Borras, Susana	116	1199	691.15
Chaminade, Cristina	37	416	185.01
Coenen, Lars	102	547	241.27
Edquist, Charles	1045	5663	4676.81
Ejeremo, Olof	17	152	92.70
Fagerberg, Jan	927	4861	3754.73
Gabrielsson, Jonas	43	241	127.09
Hansen, Høgni Kalsø	20	61	27.3
Hellström, Tomas	105	509	279.21
Jacob, Merle	119	495	290.91
Kander, Astrid	33	103	76.50
Kitagawa, Fumi	20	110	106.25
Landström, Hans	140	1282	827.63
Moodysson, Jerker	47	185	65.59
Nilsson, Jan-Evert	42	153	109.52
Nilsson, Magnus	4	16	5.34
Persson, Bo	1	18	15.75
Schön, Lennart	102	601	570.91
Van der Most, Frank	0	2	1.00
Wigren, Caroline	7	54	46.54
Zabala Iturriagoitia, Jon Mikel	0	16	5.84

7. OTHER ACTIVITIES INVOLVING CIRCLE STAFF

7.1 CONFERENCE PARTICIPATION (CONFERENCE PAPERS MARKED IN ITALICS)

BJÖRN ASHEIM

Association of American Geographers Annual Conference: Las Vegas, March: Paper presentation at special session based on the ESF project 'Constructed Regional Advantage', and a panel session on the 'Institutional – Evolutionary Interface: Challenges, Contradictions and Conflicts in Economic Geography'

Paper presentation at special session at the 4th International Seminar on Regional Innovation Policy, Edinburgh, October.

MATS BENNER

Society for the Social Studies of Science (4S) annual meeting, Washington, DC, October 28-31. Paper presented: *Science in the Periphery. Doing Research in New Universities* (with Daniel Holmberg)

SUSANA BORRAS

Conference workshop "The Politics of Governance Architectures" at the ECPR Joint Sessions, 14th-19th April 2009, Lisbon, Portugal. Paper presented: *Borrás, S. and Radaelli, C. "The Politics of Governance Architecture. Institutions, Power and Public Policy in the EU Lisbon Strategy"*.

Seminar "The Lisbon Strategy and Policy Coordination in the EU" Copenhagen Business School, Denmark. Paper presented: *Borrás, S. and Peters, Guy B. "The Impact of the Lisbon Strategy on the National Coordination of EU Policy"*

Conference IRSPM 2009, 6-8 April, CBS, Copenhagen, Denmark. Paper presented: *Borrás, S. "Management capacity for strategic and evidence-based policy-making. The case of technology and innovation policy"*

Seminar "The Sources of National Institutional Competitiveness", Copenhagen Business School, Denmark, November 30, 2009 - November 30, 2009. Paper presented: *Borrás, S. "Innovation Policy and Institutional Competitive Advantage: Internationalization, Complementarities and Adaptability of Innovation Systems". 2009. 23 pages.*

CRISTINA CHAMINADE

Management capacity for strategic and evidence-based policy-making: The case of technology and innovation policy. 13th annual conference of the International Research Society for Public Management (IRSPM), CBS, Denmark, April 2009.

Bridging innovation system research and development studies: Challenges and opportunities. Globelics, Dakar, October 2009. (co-authors B-A Lundvall, KJ Joseph and J. Vang).

Building systems of innovation in less developed countries: The role of intermediate organizations, Globelics, Dakar, October 2009. Selection based on peer review and full paper (co-authors A. Szogs and A. Cumming).

Innovation policies for development Towards a systemic, experimentation based approach, Globelics, Dakar, October 2009.

LARS COENEN

KSI International Conference 2009, First European Conference on Sustainability Transitions: Dynamics & Governance of Transitions to Sustainability, 4th to 6th June 2009, Felix Meritis, Amsterdam, the Netherlands: *Providing a Context to Transitions Theory: The Need for a Spatial Perspective* (joint paper with Paul Benneworth, Newcastle University and Fernando Diaz-Lopez)

CHARLES EDQUIST

Design of innovation policy through diagnostic analysis: Identification of systemic problems (or failures). Building National Innovation Systems: Linking theory and Public Policy for Innovation Conference, Montreal, May 8-9, 2009.

Public procurement for innovation (PPI) – a pilot study. Public Procurement for Innovation – the art of buying the products of the future already now. Conference, organized by AstraZeneca, AB Volvo (trucks), and SAAB AB (aerospace), Almedalen, Visby, Sweden, June 29, 2009.

The Swedish paradox. The IVA (Royal Swedish Academy of Engineering Sciences) Annual RTF Conference Stockholm, October 22, 2009. With Jon Mikel Zabala

Outputs of innovation systems: A European perspective. Globelics 7th International Conference, Dakar Senegal, 6-8 October 2009.

AEGIS workshop (with two presentations) Athens, December 3-4, 2009.

OLOF EJERMO

The effects of R&D on regional invention and innovation. The Uddevalla Symposium 15-17 May 2008, Kyoto, Japan. With U. Gräsjö.

JAN FAGERBERG

The DRUID Summer Conference 2009, Copenhagen, Jun 17- 19 - 2009

XVth World Economic History Congress in Utrecht, The Netherlands, from 3 to 7 August:
Innovation-systems, path-dependency and policy

Centre Cournot pour la recherche en économie, Paris :La nouvelle division internationale du travail,
12 et 13 novembre 2009: *The changing global economic landscape: What are the factors that matter?*

JONAS GABRIELSSON

(2009). *From boards as value assemblers to value creators – integrating static and dynamic perspectives based on board information.* EURAM Annual Conference, Liverpool. With Zhang, P., Voordeckers, W. & Huse, M.

Boards of directors and corporate innovation. The e.lab symposium, University of Bergamo, Milan.
With M. Huse

ASTRID KANDER

Kander, A. & (2009). *The service transition and energy.* XV World Economic History Congress, Utrecht, August 2009, previous version presented at LEG workshop in Lund 20-21 of March 2009 and in May 2009 in Mölle, with S. Henriques.

FUMI KITAGAWA

Mind the gap or bridge the gap: Knowledge production, enterprise and public dissemination at Swedish 'strong research environments. Society for Research into Higher Education Conference, Wales, December, 2009. With C. Wigren.

Knowledge Production, Enterprise and Dissemination at Swedish 'Strong Research Environments': Cases of Linnaeus Centres at Lund University presented at SRHE annual conference. 8-10 December 2009. With C. Wigren.

Networks and spatiality of university incubators: Global and local links amongst SETsquared Spin-out/-in firms at universities of Bath, Bristol, Southampton and Surrey in England. EUNIP Workshop on the Role of Academic Research in Territorial Economic Development Processes. November 2009. With Marangos, S. & Warren, L.

Triple Helix for service innovations: Tales of three universities working with mobile communication in Southern Sweden. Triple Helix VII International Conference, Glasgow, Scotland, UK, 17-19 June 2009. With Wise, E & Sorvik, J.

Devolution and regional triple helix systems: Perspectives from Scotland and Wales. Triple Helix VII International Conference Glasgow, Scotland, UK, 17-19 June 2009. With R. Huggins.

HANS LANDSTRÖM

Academy of Management

RENT Conference

JERKER MOODYSSON

The Annual Meeting of the Association of American Geographers, Las Vegas, NV: two papers and presentations.

4th International Seminar on Regional Innovation Policies, Edinburgh Napier University, Edinburgh, UK: paper and presentation.

MONICA PLECHERO

The role of local universities in improving traditional SMEs innovative performances: The Veneto region case. The Uddevalla Symposium, 11-13 June 2009. Bari, Italy.

Different competences, different modes in the globalization of innovation? A comparative study of Pune region and Beijing region. DIME WORKSHOP: Globalization and the changing geographies of production and innovation. Implications for workers, firms, regions and countries, Utrecht, the Netherlands 5-7 November 2009. With C. Chaminade

GLOBELICS 2009. 7th International Conference 2009 on 'Inclusive Growth, Innovation and Technological Change: education, social capital and sustainable development', 6-8 October, Dakar, Senegal.

ASTRID SZOGS

Building systems of innovation in less developed countries: The role of intermediate organizations, Globelics, Dakar, October 2009. Selection based on peer review and full paper (co-authors C. Chaminade and A. Cumming).

CAROLINE WIGREN

The market as panopticon - explaining differences in CSR accounts. Academy of Management 2009. With Blombäck, A.

What if it is not family that makes a difference? Reinterpreting findings on family business and CSR. FERC 2009 (Family Enterprise Research Conference), Winnipeg, Canada. With Blombäck, A.

How social intrapreneurship becomes marketing; within and beyond the focal firm. Ankara University International Conference on Market, Marketing & Entrepreneurship: Creating & Capturing Value in the 21st Century, 6-9 April 2009-Antalya, Turkey. With Blombäck, A.

Knowledge Production, Enterprise and Dissemination at Swedish 'Strong Research Environments': Cases of Linnaeus Centres at Lund University presented at SRHE annual conference. 8-10 December 2009. With Kitagawa, F.

JON MIKEL ZABALA

Edquist, C. & **Zabala, J. M.** (2009). *Outputs of innovation systems: A European perspective*. Globelics 7th International Conference, Dakar Senegal, 6-8 October 2009.

7.2 CONFERENCE ORGANIZING

BJÖRN ASHEIM

Co-organizer of national PhD course in Economic Geography

Organizer of one of three sessions of the national PhD course in Economic Geography, Lund, June.

Co-organizer of panel session on the 'Institutional – Evolutionary Interface: Challenges, Contradictions and Conflicts in Economic Geography' at the Association of American Geographers Annual conference, Las Vegas, March.

Organizer of special session based on the ESF project 'Constructing Regional Advantage' at the Association of American Geographers Annual Conference, Las Vegas, March.

Organizer of special session based on the ESF project 'Constructing Regional Advantage' at the 4th International Seminar on Regional Innovation Policy, Edinburgh, October.

SUSANA BORRAS

Organizer of the workshop "The Politics of Governance Architectures" at the ECPR Joint Sessions, 14th-19th April 2009, Lisbon, Portugal. 25 participants.

Organizer of the seminar: "The Lisbon Strategy and Policy Coordination in the EU", 15 participants, November 2009, Centre for Business and Politics, CBS.

CRISTINA CHAMINADE

CIRCLE Research Retreat, Lund, 27-28 April 2009. (co-organized with Jon Mikel Zabala and Tomas Hellström)

Catching-up Trajectories in the Wine Sector: A Comparative Study of Chile, Italy and South Africa with Roberta Rabellotti, CIRCLE seminars, Lund, 26th May 2009.

Financial crises and technology shifts with Carlota Perez and Lennart Schön, Lund, 16th June 2009 (co-organized with Astrid Kander).

LARS COENEN

International workshop 'Upscaling of Niche Experiments: International Policy Best-practice in Sustainable Energy Innovation' in collaboration with TNO. 22nd September Utrecht, the Netherlands

OLOF EJERMO

Co-organizer of the *Dahmén sessions* of the 2009 edition of the Uddevalla Symposium (with A. Rickne).

ASTRID KANDER

Organizer of session at the World Congress of Economic History in Utrecht August 2009 incl. giving a paper.

Workshop organizer for long term energy growth studies (LEG) in Lund March 2009 and in October

HANS LANDSTRÖM

Reviewer Babson Conference 2009

Reviewer RENT Conference 2009

JERKER MOODYSSON

European regions in the knowledge economy: constructing regional advantage. Special session at the Annual Meeting of the Association of American Geographers, Las Vegas, NV, March 21 (with Björn Asheim).

Constructing Regional Advantage: Towards State-of-the-Art Regional Innovation System Policies in Europe? Special session at the 4th International Seminar on Regional Innovation Policies, Edinburgh, UK, October 15-16 (with Björn Asheim).

7.3 INVITED SPEAKER AND GUEST LECTURES

BJÖRN ASHEIM

Lecture at Laboratorio Politiche per l'Attrattività, Milan, March

Invited speaker at workshop on 'Shaping future cohesion policy', DIME/DG Regio, Brussels, February.

Key note speaker at COST E51 Meeting, Zagreb, Croatia, January.

Invited speaker at workshop on 'Brain Migration, Knowledge Spillover and the Ethics of Public-Private Partnership', Ottawa, Canada, May.

Invited speaker at workshop on 'Innovation and learning', San Sebastian, Spain, May.

Invited speaker at the 5th European Regional Economic Forum, Nova Gorica, Slovenia, June.

Invited discussant at DIME workshop on 'Skills, Technology and Geography', SPRU, University of Sussex, September.

Key note lecture at IGU (International Geographical Union) Local Development Conference, Warsaw, Poland, September.

Key note speaker at the 4th International Seminar on Regional Innovation Policy, Edinburgh, October.

Key note speaker at the 6th International Symposium on Management of Innovation and Technology (ISMOT), Zhejiang University, Hangzhou, China, October.

Participation in panel discussion at International conference organized by the CURE (Corporate and Regional Embeddedness) 6 FP project, Brussels, December

Guest lecture at Department of Economics, University of Padua, Italy, February

Lecture at national PhD course in economic geography, Uppsala University, April.

Lecture at XV International Summer School on 'Innovation and Creativity for Europe', University of Trieste, Gorizia, Italy, September.

SOFIA AVDEITCHIKOVA

"Initiatives and programmes to support the informal venture capital market in Europe", presentation at policy seminar arranged by the Swedish Agency for Economic and Regional Growth, December 11th 2009, Stockholm.

"Developing business angel policy in different national contexts – some important considerations", speech at the 8th European Trade Association for Business Angels and Seed funds Winter University, November 10th 2009, Stockholm.

MATS BENNER

MEHEM (Mapping European Higher Education Models). International Conference on Changing Universities: Governance, Relevance, Performance, 29 September – 2 October 2009. Istanbul, Turkey. Presentation: *Towards Global Elitism: University Governance in Transition*

SUSANA BORRAS

"Danmark som laboratorium for globalisering" Location: Vartov, Copenhagen.

Organizer: Grundtvigske forum. 6th January 2009. Key note.

"The Open Method of Coordination in Research Policy: Assessment and Recommendations"

Council of Ministers, European Union, CREST Meeting, Brussels, 16.01.2009. Key note.

“The interaction between civil society and the European patent office” Opening keynote speaker in a conference organized by the European Patent Office, München, Germany, 29.01.2009.

“The politics of governance architectures: The Lisbon strategy” invited speaker at ARENA, Oslo University, Norway, 26.05.2009. Key note.

“The impact of the Lisbon strategy on the national coordination of EU policy” ECPR Joint Sessions, Lisbon. Paper presentation at the Workshop: “The politics of governance architectures: Institutions, Power and public policy in the EU Lisbon strategy. 16th April, 2009. Key note.

“Born in fire: The legitimacy of risk governance in the EU and the creation of EFSA” University of Maastricht, Presentation in the Conference: “Agency - Formation in the enlarged European Union” Maastricht, The Netherlands, 29.05.2009. Key note.

“The Horizontal Coordination of the EU's Innovation Policy” Invited speech at the Swedish Presidency Conference "New Worlds, New Solutions - Research and Innovation as a Basis for Developing Europe in a Global Context", Lund, Sweden, 08.07.2009. Key note.

CRISTINA CHAMINADE

Bridging innovation system research and development studies. Invited speaker at the

Aalborg workshop on Institutions, Innovation and Development. Aalborg (Denmark), 4-5 May, 2009.

Inequality and Innovation in the BRICS countries. Innovation and Development under Globalization: BRICS Experience, Trivandrum (India) 9-21 August 2009.

Different competences, different modes of globalizing innovation? A comparative study of Pune region and Beijing region, seminar in the Graduate University at the Chinese Academy of Sciences, Beijing (China), 11 November 2009.

Chair and discussant of session on University-Industry linkages at the Globelics Conference, Dakar, October 2009.

Presentation in the VINNOVA Advanced International Training Programme in the Field of Strategies for Innovation-led Sustainable Growth. Course for policy makers, Stockholm, September 2009.

LARS COENEN

Invited speaker for Urbanforskningens dag at Malmö Högskola

Invited speaker for workshop organized by Skånes Vindkraftakademi

Invited speaker for workshop on sustainable competitiveness for the Dutch Ministries of Economic Affairs (EZ) and Mobility, Spatial Planning and Environment (VROM) organized by TNO

Invited speaker for the annual meeting of the Greenchem Program funded by MISTRA

Invited lecturer for the Nordic PhD course in Economic Geography

CHARLES EDQUIST

gave a lecture on Innovation Systems and Innovation policy at the International Training Programme on Innovation Systems organised by VINNOVA (The Swedish Agency for Innovation Systems and financed by SIDA (The Swedish International Development Agency), Stockholm, September 8, 2009.

lectured on "How to Create a Successful Innovation System at a course on innovations systems organized by Innovasjon Norge and SIVA, Lillehammer Norway, January 27, 2009.

lectured on innovation processes at the University of Lillehammer, Lillehammer, Norway, January 27, 2009.

lectured on innovations in the public sector at the University of Lillehammer, Lillehammer, Norway, September 23, 2009.

OLOF EJERMO

March 16, 2009, Invited speaker to Blekinge Technical University, Ronneby, Sweden

JAN FAGERBERG

Key note, DRUID, Copenhagen, "The future of innovation studies", 18 June 2009

ASTRID KANDER

Jyväskylä University April 2009

FUMI KITAGAWA

Regional Studies Research Network Seminar, "Conceptualizing the learning region: economic-geographical aspects", Nijmegen University, 17 April 2009 Invited speaker

HANS LANDSTRÖM

The ESU Conference on Entrepreneurship, Benevento, Italy (September)

Key-note speech on "What can we learn from the history of entrepreneurship?"

JERKER MOODYSSON

Regional Innovation Systems Policy – A Matter of Context. Presentation at Innovation in Mind: European Innovation Conference, Lund, Sweden, September 17.

Principles and practices of knowledge creation. Guest lecture at the National PhD course in Economic Geography, Lund University, Sweden, June 16.

Innovation System Dynamics for Industrial Biotechnology: Challenges and Opportunities for Renewal in the Swedish Chemicals Sector. Presentation at the Autumn Meeting of Greenchem, Åhus, Sweden, October 6.

A Regional Policy for Innovation and Change: from clusters to new combinations. Presentation at CIND, Uppsala University, December 18.

MONICA PLECHERO

with Chaminade C., (2009), *Different competences, different modes in the globalization of innovation? A comparative study of Pune region and Beijing region*, guest lecture, Chinese Academy of Sciences, November

ASTRID SZOGS

Chair and discussant of session on Indicators and Measurement at the Globelics Conference, Dakar, October 2009.

CAROLINE WIGREN

Conference 'Creative countryside' organized by the Swedish board of agriculture;

Seminar organized by the Royal Swedish Academy of Agriculture and Forestry;

Regional seminar organized by the Federation of Swedish Farmers.

7.4 ACADEMIC ASSIGNMENTS

BJÖRN ASHEIM

Deputy director of CIRCLE

Professor II, University of Agder, Kristiansand, Norway

Visiting professor, National University of Maynooth, Ireland

Lund university representative in DIME (Dynamic industry and markets in Europe), which is a EU Network of Excellence

Member, International Advisory Board, Innovation System Research Network, Canada (organized by University of Toronto, and running a 5-years all Canadian research project)

Member, Scientific Advisory Board, KITE (Centre for Knowledge, Innovation, Technology and Entrepreneurship), University of Newcastle Business School

Member of examination committee for PhD thesis, Department of Human Geography, Lund University.

Supervision: Five students (Roman Martin, CIRCLE, Monica Plechero, CIRCLE, Tore Anton Dobloug (external), Ingrid Garman Johnsen, University of Agder, and Marianne Berge, University of Agder. All follows the PhD program in economic geography at the Department of Human Geography, Lund University.

MATS BENNER

Member of graduation committee, Frank van der Most's PhD dissertation 'Research councils facing new science and technology – The case of nanotechnology in Finland, the Netherlands, Norway and Switzerland', University of Twente

SUSANA BORRAS

Chairperson of the evaluation committee for the position of “Assistant Professor in political economy/ economic geography”, Center for Business and Politics (2009). Copenhagen Business School

PhD committee membership: Manuele Citi, “Patterns of Policy Evolution in the EU: The case of RTD Policy” 26th June 2009, European University Institute, Florence, Italy.

PhD committee membership: Linda Gustavsson, 11th June, 2009, Royal Institute of Technology (KTH), Stockholm, Sweden.

CRISTINA CHAMINADE

Member of the Assessment committee for a position of Assistant Professorship in Political Economy/ Economic Geography at the Center for Business and Politics at CBS, Denmark. March 2009.

Reviewer for the National Research Foundation of South Africa. 2009

Member of the Ledningsgrup of CIRCLE, Lund University. 2009

External opponent DPhil Rungroge Kamondetdacha, SPRU, Sussex University, United Kingdom (Supervised by Martin Bell). May 2009.

External opponent DPhil Guadalupe del Rocio Alvarez Tinoco, SPRU, Sussex University, United Kingdom (Supervised by Ed Steinmueller). November 2009.

Organization of the Quantitative Course at CIRCLE.

LARS COENEN

Reviewer for TNO for their Knowledge Investment Program project proposals

Member of expert panel for Norwegian Science Council

CHARLES EDQUIST

Director of The Centre for Innovation, Research and Competence in the Learning Economy (CIRCLE), Lund University during 2009. (www.circle.lu.se)

Member of the editorial board of *Science and Public Policy*.

Member of the 'Scientific Forum' of 'Forum för Småföretagsforskning' (FSF; 'Swedish Foundation for Small Business Research').

Member of a High Level Advisory Group (HLAG) for a study on "Analysing and Evaluating the Impact on Innovation of Publicly Funded Research Programmes" carried out for DG Research, European Commission by Intrasoft International S.A., Luxembourg.

Member of the academic advisory board of the project Collaborative Innovation in the Public Sector (CLIPS), Roskilde Universitet, Roskilde, Denmark.

Advisor to the University of Lillehammer, Lillehammer, Norway in their effort to develop a PhD programme in Innovation Studies.

Participated in a meeting to create a European Association of studies on policies for research and innovation Studies called *the Eu-SPRI Forum*, Amsterdam, September 3, 2009.

With Susana Borrás (Centre for Policy Studies, Copenhagen Business School; and CIRCLE) coordinated an effort to create a research project with the objective of creating a knowledge base for designing an innovation policy for the Öresund Region (the regions of Scania and Zealand). The project was called INNO-Öresund, contained 12 sub-projects and was planned to involve around 20 world class researchers (on a part-time basis). The budget was estimated to be 6 million Euros and financing was sought from INTERREG IV A. In informal talks it became clear that at most 4 million Euros could be provided. Hence the project as a whole could not be pursued and we therefore decided not to pursue the project.

Coordinator of CIRCLEs participation in the EU FP 7 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).

JONAS GABRIELSSON

Opponent at research proposal for PhD thesis, *Determinates and catalysts of immigrant entrepreneurial growth: Building and testing of the spring board theory*, Craig Mitchell (PhD student at Lund University), May 2009

Opponent at final seminar of PhD thesis, *Outsourcing of new product development and the need of knowledge integration*, Jonas Rundquist (PhD student at Luleå University of Technology), June 2009

Opponent at final seminar of PhD thesis, *Regional finansiering av vekstbedrifter: Finansieringsstruktur, finansieringskilder og finansieringssystem*, Tore Anstein Dobloug (PhD student at Lund University), December 2009

TOMAS HELLSTRÖM

Member of CIRCLE's leadership group

Director of Studies at CIRCLE

Director of the PhD programme CIRCLE

Professor appointment committee for Jan Nolin, Borås University

Faculty opponent for Jonas Kuschel, IT-University, Gothenburg, September 19

PhD assessment committee for Jaqueline Bergendahl, EHL, Lund University, February 11

PhD assessment committee for Pia Ulvenblad, EHL, Lund University, June 5

ASTRID KANDER

Licentiate assessment committee for Magnus Bohman

PhD assessment committee for Carl Johan Roubert

Steering committee for the development of the Sustainable Business Leadership Master program at LUSEM

Board member of the newly established Centrum för miljö- och klimatforskning (CEC) at Lund University.

Director for the interdisciplinary platform LEGS at Lund University (www.ekh.lu.lu/legs)

FUMI KITAGAWA

Regional Studies Association, Board, Co-opted Early Career Representative (May 2008 – April 2009)

The Japan Society for Science Policy and Research Management, Board member

Science, Technology and Society, Journal editorial advisory board

HANS LANDSTRÖM

Reviewer: Professor in Business Administration, specifically entrepreneurship and business

development, Mid-University (six applicants).

Reviewer – Associate Professor at KTH, Stockholm.

Opponent PhD defence: Tom Lahti “Angel Investing in Finland. An analysis based on agency theory and the incomplete contracting theory”, Swedish School of Economics in Helsinki.

Opponent PhD defence: David Lingelbach “Neither Pirates nor Politicos: The Emergence of Venture Capital in Weak Institutional Environments”, Exeter University, UK.

PhD defence committee: Carl Johan Roubert “Smäländsk världsindustri. En studie om entreprenörer och kluster 1950-2002”, Department of Economic History, Lund University.

PhD defence committee – Olof Hallonsten, “Small science on big machines: Politics and practices of synchrotron radiation laboratories”, Research Policy Institute, Lund University

ROMAN MARTIN

Presentation at the DIMETIC doctoral training session in Pecs, Hungary

Junior Discussion at the DIMETIC doctoral training session in Maastricht, The Netherlands

MAGNUS NILSSON

Middle seminar discussant on Doctoral Thesis of Jens Sörvik, Research Policy Institute, Lund University, Lund, Sweden.

CAROLINE WIGREN

Evaluating research applications for The Swedish Farmers’ Foundation for Agricultural Research, evaluation committee Growth and Business.

7.5 *THIRD MISSION, SOCIETAL INTERACTION*

BJÖRN ASHEIM

Lecture at Laboratorio Politiche per l’Attrattività, Milan, March

External expert at DG Regio foresight project on 'European Regions 2020', Brussels, February and September

Participation in international advisory board meeting at the annual conference of the Innovation System Research Network, Halifax, Canada, April

Participation in international advisory board meeting at the Irish Social Science Platform (ISSP) annual conference, Galway, December

Participation in international advisory board meeting in the CURE (Corporate Culture and Regional Embeddedness) 6h FP project, Basel, June.

Member of OECD mission on 'HEI and regional development' Berlin, September

Member of OECD mission on 'SMEs, Entrepreneurship and Innovation', the Marche region, Italy, November.

Member of OECD mission on 'HEI and regional development', Rotterdam, November

Member of committee of NOKUT (National agency for quality in education), Norway, for the evaluation of doctoral program in 'Innovation in the public sector' at Lillehammer University College.

Representative from Lund University to prepare an agreement on research cooperation in innovation and entrepreneurship between Zhejiang University and Lund University

External expert at DG Regio foresight project on 'European Regions 2020', Brussels, February and September

Participation in international advisory board meeting at the annual conference of the Innovation System Research Network, Halifax, Canada, April

Participation in international advisory board meeting at the Irish Social Science Platform (ISSP) annual conference, Galway, December

Participation in international advisory board meeting in the CURE (Corporate Culture and Regional Embeddedness) 6h FP project, Basel, June.

Member of OECD mission on 'HEI and regional development' Berlin, September

Member of OECD mission on 'SMEs, Entrepreneurship and Innovation', the Marche region, Italy, November.

Member of OECD mission on 'HEI and regional development', Rotterdam, November

Member of committee of NOKUT (National agency for quality in education), Norway, for the evaluation of doctoral program in 'Innovation in the public sector' at Lillehammer University College.

Representative from Lund University to prepare an agreement on research cooperation in innovation and entrepreneurship between Zhejiang University and Lund University

MATS BENNER

Member, mid-term evaluation committee of Large-Scale Programmes, Research Council Norway

Elected member of the Royal Swedish Academy of Engineering Sciences

Appointed member of the Research Advisory Board, Ministry of Education, Swedish government

SUSANA BORRAS

Member of the Lisbon Expert Group put forward by the European Commission, DG Research. Rapporteur of the research-based report: Lisbon Expert Group (2009): "The Open Method of Coordination in Research Policy. Assessment and Recommendations" Report for the European Commission. 54 pages. Susana Borrás rapporteur. http://ec.europa.eu/invest-in-research/pdf/download_en/eur_23874_texte_web.pdf

LARS COENEN

Co-authored report and invited for participation in High Level Workshop on Governance for Low-Carbon Society organized by Atomium Culture and Lund University

CHARLES EDQUIST

Participated, during 2009, in an international evaluation of the *Finnish National Innovation System* for the Finnish Ministry of Employment and the Economy and organized by ETLA (The Research Institute of the Finnish Economy) – see www.evaluation.fi.

Wrote, during 2009, a report entitled '*Public Procurement for Innovation (PPI) – a Pilot Study*' for AstraZeneca, AB Volvo (trucks), and SAAB AB (aerospace).

Participated as a panelist at the Conference "Innovation in Mind", Lund, September 16 – 17, 2009.

Gave a presentation on "The Swedish Paradox" at the Swedish Parliament (Rifo and SPN), Stockholm, September 23, 2009.

Gave a presentation on “Innovation Systems and Innovation Policy” at the Swedish Competence Research Centre Day, organized by VINNOVA, Lund, September 15, 2009.

Was a member of Studieförbundet Näringsliv och Samhälle, SNS (The Centre for Business and Policy Studies) during 2009. SNS is an independent network of leading decision makers from the private and public sectors that share a commitment to social and economic development in Sweden.

During 2009 was an ‘IMIT fellow’, i.e. fellow of The Institute for the Management of Innovation and Technology (IMIT). IMIT is a Scientific Institute. Its aim is to pursue and promote research and development in technical and industrial renewal and administration, as well as participating in training in this sphere.

In 2009 was a member of Uppfinnarkollegiet (‘The Inventor’s College’) in Stockholm, which involves close interactions with representatives from industry and other parts of society.

During 2009 was a member of the Oresund Materials Innovation Community, organized by the Öresund Science Region.

Served, during 2009, as an advisor to Copenhagen Economics in their task of preparing a report entitled ‘*Can Public Procurement Spur Innovations in Health Care*’ for the Swedish Agency for Innovation Systems (VINNOVA).

Gave a presentation about the evaluation of the Finnish National Innovation System (report under section 2.1. above) at the IVA (‘Royal Swedish Academy of Engineering Sciences), Stockholm, and December 15, 2009

OLOF EJERMO

Interviewed by the Swedish daily newspaper *Svenska Dagbladet* (2009-06-20) on ‘the Swedish paradox’.

Interviewed by the magazine *Naturvetaren* (2009/2) on ‘the Swedish paradox’.

JAN FAGERBERG

Chairman of governmental committee in Norway (assessing the efficiency of the Norwegian research system)

HÖGNI K. HANSEN

Advisory work for Region Skåne: labour market dynamics and regional growth

ASTRID KANDER

Interviewed for Sydsvenskan 2010 02 07

Meetings and discussions with Tillväxtanalys and VINNOVA

HANS LANDSRÖM

IVA Seminar on risk capital, 14 April 2009.

ROMAN MARTIN

External communication of CIRCLE and visibility creation, e.g. via Weblog (www.circle-blog.com), and on Wikipedia (<http://en.wikipedia.org/wiki/CIRCLE>)

JERKER MOODYSSON

Presentations and participation at *Kunskapsutbytesforum* a series of workshops organized by Region Skåne, department of Clusters and Innovation Systems.

Member of the reference group for *ØRUS – Regional Utvecklingsstrategi för Øresundsregionen*, by Øresundskommittéen.

Innovationssystem: för regional konkurrenskraft i en global ekonomi. Lunch seminar at Rotary, Malmö Limhamn-Bunkeflo.

International Cluster Policy Learning: Experiences from the BSR Innonet PIC Pilot. Report to VINNOVA (with J. Sörvik).

Effects of VINNOVA Programs on Small and Medium Sized Enterprises – the cases of Forska&Väx and VINN NU. Report to VINNOVA (with K. Bergman, O. Ejermo, J. Fischer, O. Hallonsten and H. Hansen).

MAGNUS NILSSON

Ongoing discussion of concepts and policies on regional innovation and development with Region Skåne, Näringslivsutveckling.

CAROLINE WIGREN

Participated in the think and do tank, the Smithy, initiated by the Knowledge Foundation, the

Swedish Association of local Authorities and Regions and the public-private sector partnership Arena for Growth.

7.6 EXTERNAL RESEARCH CONTACTS

SOFIA AVDEITCHIKOVA

Referee: *Venture Capital: An International Journal of Entrepreneurial Finance* (2009-), *Entrepreneurship and Regional Development*, (2009-) and *International Journal of Management Reviews* (2008-).

BJÖRN ASHEIM

Editorial board *Economic Geography*

Editorial board *Journal of economic Geography*

Editorial board *European Planning Studies*'

Referee: *Economic Geography*

Referee: *Journal of Economic Geography*

Referee: *European Planning Studies*

Referee: *Regional Studies*

Referee: *Industry and Innovation*

Referee: *Environment and Planning A*

Referee: *Research Policy*

SUSANA BORRAS

Editor of "Science and Public Policy" – since 2006

Visiting fellow, SPRU, Sussex University, UK, Sept-Oct 2009.

Referee: *Safe Foods*

Referee: *European Integration on line Papers (EioP)* (2009) – 5 papers for a special issue.

Referee: *Administration and Society*

Referee: *Industrial and Corporate Change*

Referee: *Journal of European Public Policy*

LARS COENEN

Contract research for the Netherlands applied research organization TNO, Business Unit Innovation and Environment, within the framework of their Knowledge Investment Program.

Invited member of the steering group for the European Sustainability Transitions Network

Referee: *Research Policy*

Referee: *Environment and Planning A*

Referee: *Industry and Innovation*

Referee: *Journal of Cleaner Production*

Referee: *European Planning Studies*

CRISTINA CHAMINADE

Steering Committee of EU project INGENEUS. Meetings in Bologna (Italy), Johaneburg (South Africa) and Dakar (Senegal)

Referee: *Research Policy*,

Referee: *Industry and Innovation*

Referee: *Environment and Planning A*

Referee: *International Journal of Innovation and Regional Development (IJIRD)*

Referee: *Asian Journal of Technology Innovation*.

LARS COENEN

Contract research for the Netherlands applied research organization TNO, Business Unit

Innovation and Environment, within the framework of their Knowledge Investment Program.

Invited member of the steering group for the European Sustainability Transitions Network

CHARLES EDQUIST

Participated in a High Level Advisory Group (HLAG) Meeting for a study on “Analysing and Evaluating the Impact on Innovation of Publicly Funded Research Programmes” carried out for DG Research, European Commission by Intrasoft International S.A., Luxembourg, Brussels, January 22, 2009.

Gave a presentation on “The Swedish National Innovation System” at the International Conference during the Czech Presidency of the Council of the European Union, entitled “Role of Basic Research in the Process of Structuring the European Research Area”, Prague, and April 16–18, 2009.

OLOF EJERMO

Referee: edited book at Edward Elgar

Referee: for *Research Policy*

JONAS GABRIELSSON

Referee: *British Journal of Management*

Referee: *Corporate Governance: An International Review*

Referee: *Family Business Review*

Referee: *Journal of Management Studies*

Referee: *Journal of Small Business Management*

Referee: *Small Business Economics*

HOGNI K. HANSEN

Referee: *European Journal of Spatial Development*

Referee: *European Planning Studies*

Referee: *Industry and Innovation*

Referee: *International Review of Law and Economics*

Referee: *Journal of Economic Geography*

Referee: *Journal of Regional Science*

TOMAS HELLSTRÖM

Referee: *Research Policy*

Referee: *Science and Public Policy*

Referee: *Studies in Higher Education*

Manuscript reviewer for Palgrave

ASTRID KANDER

Referee: *Environmental Science & Policy*

Referee: *Ecological Economics*

Referee: *Scandinavian Economic History Review*

FUMI KITAGAWA

Pascal Observatory, Associate, *PASCAL Universities Regional Engagement (PURE) Project*, peer review member for three Nordic regions March-April 2009.

Acting as Referee to a number of international academic journals (e.g. *European Planning Studies*, *Geografiska Annaler B*, *Environment & Planning C: Government & Policy*, *Science and Public Policy*; *Higher Education*, *Critical Sociology*)

CLAES MALMBERG

Referee: *Research Policy*

JERKER MOODYSSON

Referee: *Economic Geography*,

Referee: *Entrepreneurship and Regional Development*,

Referee: *European Planning Studies*,

Referee: *International Small Business Journal*,

Referee: *Industry and Innovation*,

Referee: *Research Policy*,

Referee: *Regional Studies*.

MAGNUS NILSSON

Referee: *European Planning Studies*.

ASTRID SZOGS

Seminar at the South African Human Sciences Research Council seminar series. Cape Town, April 14th, 2009: Innovation in Africa. Technological learning in indigenous SMEs in Tanzania

CAROLINE WIGREN

Working with Region Skåne on a project about health entrepreneurship during 2009.

Project on Corporate Social Responsibility in retailing financed by Handels Utvecklingsråd.

7.7 PRIZES AND AWARDS

BJÖRN ASHEIM

Special issue in *European Planning Studies*, on 'Regional Resources, Global Knowledge Networks, and Innovation Policy: Special issue in Honour of Björn Asheim. Guest Editors: Tone Haraldsen and Arne Isaksen. *European Planning Studies*, 17, 4, April 2009.

SUSANA BORRAS

Jean Monnet Chair Ad Personam (2009-2014, 5 years). Title awarded by the European Commission's Life Long Learning Program for European Union studies. Started September 2009. 44.000€ awarded for teaching and research activities.

MAGNUS NILSSON

Wallander grant, Handelsbankens forskningsstiftelser, personal research grant full time 3 years, 1 215 000 msek.

CAROLINE WIGREN

Best paper award in Social entrepreneurship at the conference on Market, Marketing & Entrepreneurship: Creating & Capturing Value in the 21st Century, 6-9 April 2009-Antalya-TURKEY, for the paper How social intrapreneurship becomes marketing; within and beyond the focal firm, with: Blombäck, A.

JON MIKEL ZABALA

2009 Regional Studies Association Best Referee Award

APPENDIX

METHODOLOGY FOR THE CITATION ANALYSIS

The citation analysis has now been carried out for CIRCLE since 2005. Over time there have been slight changes in methodology, although with generally 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. As this software yields the same citations as using Google scholar online, it greatly improves the speed of searches. In addition, the software makes it possible to record fractionalized citation counts. That is, if author A publishes a book with authors B and C, Publish or Perish counts it as $1/3$ for author A, which is more appropriate. Because staff at CIRCLE co-author, citations are, to some extent, double counted in the other two columns. Fully fractionalized counting efforts for SSCI would, however, be overly work intensive.

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.² 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.

² 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. Such a control may often require checking against the person’s CV. This 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.

Center for Innovation,
Research and Competence in
the Learning Economy
(CIRCLE)

Lund University

Sölvegatan 16,
Box 117, 221 00 Lund, SWEDEN

www.circle.lu.se

