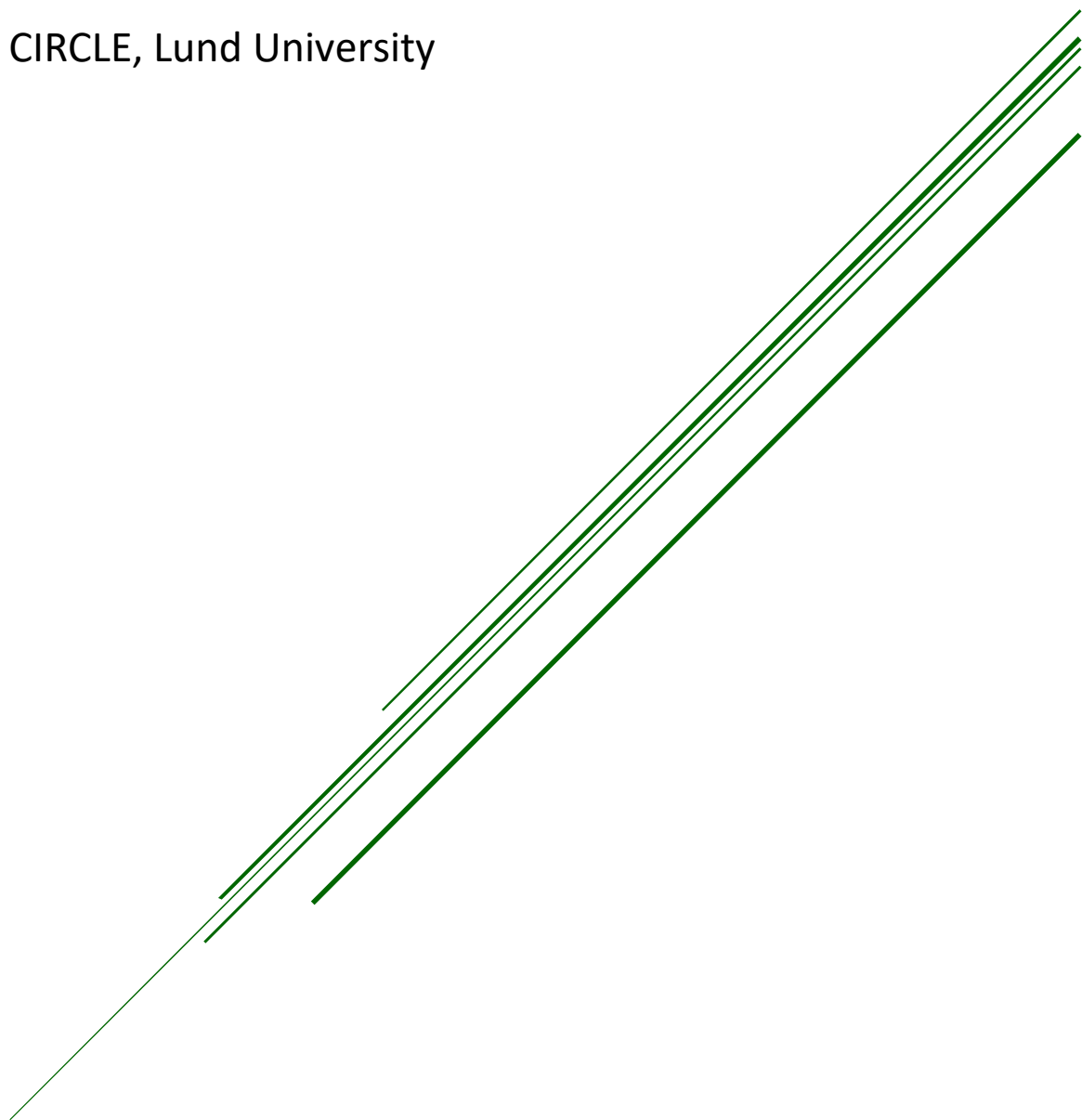




# ANNUAL REPORT 2017

CIRCLE, Lund University



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

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## LETTER FROM THE DIRECTOR

2017 was a year of repositioning of CIRCLE within Lund University. This process has taken considerable time and energy, but when we enter 2018 it is with great enthusiasm and hope for the future. The repositioning of CIRCLE has been discussed for several years. It is important for CIRCLE to become better integrated into the faculties of the University. CIRCLE's goal is to be a world-leading institute in Innovation Studies that operates as a main attractor on the most talented and brightest researchers in our field. To strengthen CIRCLE's position as a flagship of innovation studies at Lund University, three Faculties have jointly declared that they will work strategically for this aim. Starting January 1, 2018, CIRCLE will be placed at the Department of Design Sciences, at the Faculty of Engineering (LTH). In addition, the School of Economics and Management and the Faculty of Social Sciences, have committed to contribute to the development of the Center. It is with great satisfaction that we acknowledge the help we have received from the central management of Lund University, as well as from the three Faculties. Already early in 2018, CIRCLE has started to recruit new talent.

These changes are however not the only reason why 2017 has been an eventful year. CIRCLE has demonstrated some great achievements during the year. Many of them you can read about in this Annual Report, including, for example, the four new PhDs, who successfully defended their theses during the year.

Other highlights in 2017 include the 55 peer-review journal articles, 7 books (including four PhD Dissertations), 15 book chapters and 15 CIRCLE working papers that were published during the year. Academic work by CIRCLE researchers has continued to make impact on the academic community, and to communicate this to other stakeholders. CIRCLE researchers have contributed to the dissemination of research results to policy makers and society at large, like writing policy reports, debate articles, and presenting research at policy-workshops, among other activities.

In addition, in 2017, CIRCLE has managed to attract a considerable amount of external research funding. It is satisfying to observe that our intense work with research applications has payed-off during the year. We are particularly pleased that VINNOVA has granted two large projects, one on *Sweden's Position in Global Value Chains*, and the continuation of the *Swedish Transformative Innovation Policy Platform*, both linked to VINNOVA's Strategic Knowledge Platforms. VINNOVA will continue to be one of CIRCLE's most valued and important partners.

I am determined to continue the work and do all I can to make CIRCLE an intellectual, vibrant and inspiring environment, that stimulates fruitful new research collaborations, new ideas and new talents. There are many opportunities and challenges in the future, and I firmly believe that CIRCLE will make the best out of that, and strengthen its position, both inside Lund University and internationally, as a leading environment for Innovation Studies.

Åsa Lindholm Dahlstrand  
Lund, March 2018

During 2017, CIRCLE researchers published 55 peer-review journal articles, 7 books (including four PhD Dissertations), 15 book chapters and 15 CIRCLE working papers (downloadable at <http://www2.circle.lu.se/publications/working-papers/>) in the areas of innovation studies, entrepreneurship, economics of innovation, sustainability transitions and others. Academic work by CIRCLE researchers have continued making impact on academic community. During 2017, studies by CIRCLE researchers have been cited more than 10 000 times (based on google scholar citations). CIRCLE researcher, Prof. Ron Boschma, was ranked by Thomson Reuters among the top 1% of highly-cited researchers worldwide in 2016, and had an additional 2894 citations in 2017. Among other most cited CIRCLE researchers were Björn Asheim (1471), Charles Edquist (1294), Bo Carlsson (1216), and Lars Coenen (1063). Furthermore, several of our young researchers won important awards during the year; especially worth to mention are Lea Fünfshilling and Christian Binz, who jointly won the Best paper award International Sustainability Transitions Conference 2017 (IST2017) for the paper “Global socio-technical regimes”, and Claudio Fassio who won a two-years research grant from the Lundberg Stiftelse, for the project on “Leaving the Multinational: what is the impact of the mobility of human capital from multinational enterprises to entrepreneurship and small and medium businesses in Sweden?”. Also, Sam Tavassoli won the Early Career Award for Excellence, RMIT University, Melbourne, Australia, 15 December 2017.

The total budget for research in 2017 was 15.5 MSEK, the major share of which – 12 MSEK (73%) – is from external funding. The figure is lower than the year before, which is mainly explained by a reduced number of staff. CIRCLE has been very successful in attracting new external research funding, and as soon as new staff are hired the amount of research that can be produced will – naturally rise again. A number of new projects have already started at CIRCLE during 2017. In addition, CIRCLE researchers have been successful in attracting new research grants during 2017 which will lead to projects in the coming years. Main CIRCLE financiers are VINNOVA, FORMAS, Swedish Research Council, European Commission, MISTRA and others. CIRCLE has been actively collaborating for research with many other universities in Sweden and Europe including Jönköping University, Gothenburg University, Chalmers University, Swedish University of Agricultural Sciences, Cardiff University, Utrecht University, University of Newcastle Upon Tyne, University of London, Brighton University, and University of Sussex just to mention a few.

## TEACHING AT CIRCLE

CIRCLE has continued providing master and PhD level education in collaboration with other faculties at Lund University as well as other universities.

In the beginning of 2017, CIRCLE had 13 PhD students. Two new students started their doctoral studies during the year, and four CIRCLE PhD students successfully defended their PhD theses:

**Zheng, Y.** (2017) *How immigrants invent: evidence from Sweden*. Lund: Media-Tryck, Lund University.

**Fredin, S.** (2017). *History and geography matter: The cultural dimension of entrepreneurship* (Doctoral dissertation, Blekinge Tekniska Högskola).

**Laveson, N.** (2017) *Rural-urban interdependencies: The role of cities in rural growth*, Doctoral Dissertation, Lund: Media-Tryck, Lund University

**Wernberg, J.** (2017) *The Inherent Complexity of Agglomeration – Essays on the self-organization of urban economies*. Lund: Lund University Mediatryck

CIRCLE is a member of NORSI (Norwegian Research School in Innovation), a joint Research School managed by BI, Oslo, and NTNU, Trondheim, where several of CIRCLE's PhD students are active. CIRCLE director Åsa Lindholm Dahlstrand is as a member of the Board for NORSI. NORSI consists of a research network that includes Norwegian universities and colleges, leading institutions in Scandinavia (Denmark and Sweden), as well as representatives from top international universities in the United States and Europe. Some of the NORSI courses were hosted at CIRCLE and/or taught by CIRCLE researchers. CIRCLE PhD students took some of the NORSI courses as a part of their PhD program.

CIRCLE is also a member of EU-SPRI (European Forum for Studies of Policies for Research and Innovation) which aims to strengthen the community of research related to policy and governance in the field of knowledge creation and innovation. At the end of 2017 CIRCLE is in the final steps of planning the 2017/18 EU-SPRI Winter School on the Geography of Innovation, which will gather PhD students from across and beyond Europe.

CIRCLE staff has been involved in teaching at three faculties at Lund University: the School of Engineering, the Social Science Faculty, and the School of Economics and Management. In collaboration with the Department of Production Economics at LTH, CIRCLE has contributed to the Business and Innovation program. CIRCLE has been responsible for three courses within the program: Entrepreneurship in New and Established Ventures, Innovation Management and Globalization and Innovation. CIRCLE has also been involved in the master program Economic Growth, Innovation and Spatial Dynamics, offered by the School of Economics and Management.

## INTERACTION WITH SOCIETY AND POLICY MAKERS

CIRCLE researchers contributed to the dissemination of research results to policy makers and society at large by writing policy reports, debate articles, and by presenting results at policy workshops. CIRCLE staff are also taking various assignments in policy boards and providing comments to journalists. In total 16 policy reports were written by CIRCLE staff during 2017. They cover a variety of themes such as evaluation of innovation systems, innovation policy, economic growth, openness and employment, entrepreneurial experimentation, international knowledge flows, the emergence of bio-economy, the role of patenting and intellectual property rights and others. In addition, CIRCLE researchers provided comments and gave interviews to journalists on various topics related to innovation, entrepreneurship and policy making.

CIRCLE researchers have taken up different assignments in various policy boards at regional, national and international levels such as the Swedish National Innovation Council (Sweden) Tillväxtanalys Scientific Board, Mutual Learning Exercises (EU Commission), the Expert Group for the RIO Country Report 2017 (EU Commission), RISE (Research, Innovation and Science Experts) High-Level Advisory Body of European Commissioner Carlos Moedas (EU Commission).

Worth to mention is Charles Edquist's participation as Council member in the Swedish National Innovation Council (Nationella innovationsrådet), chaired by the Prime Minister and including also four other Ministers. The task of the council members is to advise the government on issues related to innovation policy. Four 5-hour meetings were held during 2017:

- Lifelong learning in a digital era; How to transform to a fossil free welfare society; Availability of public data for new solutions to societal challenges and data driven service innovations
- The global links of the Swedish National Innovation System; How the "Collaboration programs" can contribute to solving societal challenges; Public financing of innovative entrepreneurship; The National forestry programme.
- First regional meeting of NIC held in Trollhättan.
- Issues addressed were collaborating programs in innovations, innovation collaboration with the EU and with developing countries.

## PROJECTS AT CIRCLE 2017

### ONGOING AND UPCOMING PROJECTS AT CIRCLE 2017

Financier	Title of the project	Amount in SEK	Time period
<b>FORMAS</b>	GUST: Governance of Urban Sustainability Transitions: Advancing the role of living labs	5 444 000	2014-2017
<b>FORMAS</b>	Resilient Cities: Industrial Network and Institutional Perspectives on Economic Growth and Well-being	2 569 000	2014-2017
<b>Swedish Energy Agency</b>	Green transition and co-evolution of industry and the energy system	16 542 000	2014-2018
<b>Norwegian Research Council</b>	Sustainable path creation for innovative value chains for organic waste products	1 290 700	2014-2018
<b>VINNOVA</b>	SMF-Effektanalys	1 288 000	2016-2017
<b>SIDA</b>	Support of Research cooperation with Universidad Mayor de San Andres (UMSA), Bolivia	500 000	2016-2018
<b>SIDA</b>	Support of Research cooperation with Universidad Mayor de San Simón (UMSS), Bolivia	400 000	2016-2018
<b>MISTRA</b>	Sustainable plastics and transition pathways	45 000 000	2016-2019
<b>VINNOVA</b>	SMF-Effektanalys-Samverkan I innovationssystem	737 000	2017-2018
<b>VINNOVA</b>	Sveriges position i globala värdekedjor	7 258 731	2017-2019
<b>NordForsk</b>	Where does the Green Economy Grow? The Geography of Nordic Sustainability Transitions	20 906 600	2017-2019
<b>EU Commission</b>	Framework for the Analysis of Research and Adoption Activities and their Macroeconomic Effects	1 891 310	2017-2019
<b>EU Commission</b>	Realizing Innovation in Transitions for Decarbonization	3 213 583	2016-2020
<b>Marianne and Marcus Wallenberg Foundation</b>	Renewl of mature industries in Sweden	1 375 079	2017-2021
<b>VINNOVA</b>	System Innovation for Societal Challenges: A strategic knowledge platform	33 286 932	2017-2022
<b>Upcoming projects in 2018</b>			
<b>Lundbergs Stiftelse</b>	Leaving the Multinational: what is the impact of the mobility of human capital from multinational enterprises to entrepreneurship and small and medium businesses in Sweden?	1 705 564	2018-2019

CIRCLE employees in bold.-

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**Andersson, M** and T A Stone (2017), “Global Sourcing and Technical Efficiency – a firm-level analysis of the ICT industry in Sweden” *Journal of Business Economics and Management*, forthcoming

**Asheim, B.T., Grillitsch, M. and Trippl, M.** (2017): Introduction: Combinatorial Knowledge Bases, Regional Innovation, and Industrial Dynamics. *Economic Geography*, 93 (5), 429-435.

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**Trippi M., Grillitsch M.,** Isaksen A., Sinozic T. (2017) Understanding Cluster Evolution. In: Belussi, F.; Hervas-Oliver, J.-L. (Eds): *Unfolding cluster evolution*, Routledge.

Venturini, A., **Fassio, C.** and Kalantaryan, S. (2018) High-Skilled Migration and Innovation, in *High-Skilled Migration: Drivers and Policies*, Mathias Czaika (ed.). Oxford University Press.

## CIRCLE WORKING PAPERS

**Asheim, B.T. and Moodysson, J.** (2017) Innovation policy for economic resilience: The case of Sweden, No. 2017/5.

**Borissenko, J. and R. Boschma** (2017) A critical review of entrepreneurial ecosystems research: towards a future research agenda, No. 2017/3.

Castellani, D. **Fassio, C.** (2017) Export innovation. The role of new imported inputs and multinationality, Papers in Innovation Studies Paper no. 2017/16

**Coenen L., Grillitsch M., Hansen T., Moodysson J.** (2017) An innovation system framework for system innovation policy: the case of Strategic Innovation Programs (SIPs) in Sweden, Papers in Innovation Studies, No. 2017/8, CIRCLE, Lund University

**Coenen L., Grillitsch M., Hansen T., Miörner J., Moodysson J.** (2017) Policy for system innovation - the case of Strategic Innovation Programs in Sweden, Papers in Innovation Studies, No. 2017/4, CIRCLE, Lund University

**Ejeremo, O. and Zheng, Y.** (2017), "Liberalization of European migration and the immigration of skilled people to Sweden", CIRCLE Working Paper, WP2017/14

Fagerberg, Jan, Bengt-Åke Lundvall and **Martin Srholec** (2017) Global value chains, national innovation systems and economic development, Papers in Innovation Studies No. 2017/15, CIRCLE, Lund University

**Fuenfschilling L., Binz C.** (2017) Global socio-technical regimes, No. 2017/01.

**Grillitsch, M.** (2017) Transformation Capacity of the Innovative Entrepreneur: On the interplay between social structure and agency, Papers in Innovation Studies, No.2017/2, CIRCLE, Lund University

**Grillitsch M., Asheim B., Trippel M.** (2017) Unrelated knowledge combinations: Unexplored potential for regional industrial path development, Papers in Innovation Studies, No. 2017/10, CIRCLE, Lund University

**Grillitsch, M.; Nilsson, M.** (2017) Knowledge externalities and firm heterogeneity: Effects on high and low growth firms, Papers in Innovation Studies No. 2017/6, CIRCLE, Lund University

Martin, R.; Aslesen, H.W.; **Grillitsch, M.**; Herstad, S. (2017) Regional Innovation Systems and Global Flows of Knowledge, Papers in Innovation Studies No. 2017/7, CIRCLE, Lund University

**Tavassoli, Sam**, and Charlie Karlsson (2017) The Role of Regional Context on Innovation Persistency of Firms, Papers in Innovation Studies No. 2017/11, CIRCLE, Lund University

**Tavassoli, Sam and Michaela Trippel** (2017) The Impact of Ethnic Communities on Immigrant Entrepreneurship: Evidence from Sweden, Papers in Innovation Studies No. 2017/11, CIRCLE, Lund University

**Schubert, Torben**, Elisabeth Baier and Christian Rammer (2017) Firm Capabilities, Technological Dynamism and Innovation Internationalisation – a Behavioural Approach, Papers in Innovation Studies No. 2017/13, CIRCLE, Lund University

## CONFERENCE PAPERS

**Ahlin, L.** (2017) The role of the university for spatial sorting. ERSA, Groningen. 29/8-1/9.

**Alvedalen, J. and B. Carlsson** (2017) Key factors and processes in the Entrepreneurial Ecosystem for research-intensive firms in Sweden – a micro-perspective. RENT XXXI, Lund, Sweden. November 15-17, 2017.

**Bauer, F.** (2017) Perspectives on innovation in the bioeconomy – A Q study of visions and expectations. Nordic Environmental Social Science Conference, Tampere, Finland, June 6-8.

**Borrás, S. & Edquist, C.** (2017) Holistic Innovation Policy: Theoretical Foundations, Policy Problems and Instrument Choices. European Forum for Studies of Policies for Research and Innovation, Vienna, June 7-9

**Ejeremo, O.** and Toivanen, H. (2017), "University invention and the abolishment of the professor's privilege in Finland", 7th ZEW/MaCCI Conference on the Economics of Innovation and Patenting, Mannheim, Germany, May 15-16, 2017

**Eriksson Per** (2017) "University, Innovation and Regional Development - The importance of Innovation Systems within a Scientific and Technological University Environment for Development" Cochabamba, Bolivia. 2017-11-22

**Fassio, C.** Researchers and academic careers: Does mobility raise scientific productivity? (with **Olof Ejeremo** and **John Kallstrom**), paper presented at the 11th Workshop on The Organisation, Economics And Policy Of Scientific Research in Turin, Italy, 15-17 May, 2017.

**Fredin, S** & Lidén, A. (2017) Entrepreneurial ecosystems: Towards a systemic approach to entrepreneurship? Innovation, Entrepreneurship and Industrial Dynamics in Internationalized Regional Economies, Trollhättan, Sweden. 15-17 June 2017

**Grillitsch, M. and Nilsson, M.** (2017) Knowledge externalities and firm heterogeneity: Effects on high and low growth firms, Annual Meeting of the Association of American Geographers, Boston, April 2017

**Hansen, T.;** Klitkou, A & **Tanner, A.** (2017) The role of natural resources in path renewal. The case of the bioeconomy. 8<sup>th</sup> International Conference on Sustainability Transitions. Gothenburg, Sweden

Lawton Smith, H., **Lindholm Dahlstrand, Å.**, Edmunds, L. and Bagchi-Sen, S. (2017) Understanding the role of the local in technological innovation systems: Research-based firms and regional development in Sweden and the UK, Paper for special session in honour of Charlie Karlsson, Uddevalla Symposium 2017, Trollhättan, Sweden.

**Miörner, J.** (2017) Disruptive innovation and new path development reconsidered: the case of self-driving cars in West Sweden. Regional Innovation Policy Conference 2017, Santiago de Compostela, Spain. 26-27 October 2017.

Scordato, L., Bugge, M, **Hansen, T., Tanner, A.,** Wicken, O. (2017): Policies for system change: the transition to the Bioeconomy, EU SPRI Conference 2017

**Wernberg, J.** (2017) Intraurban Scaling Analysis & Localized Agglomeration Economies. AAG 2018, Boston, Massachusetts, USA. April 5-9 2017.

## KEYNOTE PRESENTATIONS IN ACADEMIC CONFERENCES

BJØRN T. ASHEIM

Meeting the challenge of social and regional inequality: How coordinated market economies link innovation and welfare. Regional Studies Annual Lecture at the Association of American Geographers Annual Conference, Boston, USA, 4<sup>th</sup>-8<sup>th</sup> April 2017.

Challenges of new path development and implications for regional innovation policy. Regional Helix Conference 2017, Covilha, Portugal, 21<sup>st</sup>-23<sup>rd</sup> June 2017.

Innovation policy for new path development: A Norway-Sweden comparison. International Symposium on Entrepreneurship and the Geography of Innovation, Sao Paulo, Brazil, 6<sup>th</sup>-7<sup>th</sup> July 2017.

Smart specialisation as an innovation driven strategy for economic diversification and inclusive regional development. 5<sup>th</sup> International Symposium on 'Towards Innovative and Inclusive Regional Development', Busan, South Korea, 23<sup>rd</sup>-24<sup>th</sup> November 2017.

CHRISTIAN BINZ

Global Innovation Systems – A conceptual typology of innovation networks in cleantech industries. EAEPE 3rd Research Area [X] ‘Networks’ Workshop, Bremen, 30.11.2017

#### CHARLES EDQUIST

On November 30, Charles gave a lecture at the Cátedra UAM-Accenture en Economic y Gestión de la Innovación, Universidad Autonoma de Madrid. His topic was “Towards a Holistic Innovation Policy: The Swedish National Innovation Council as a Role Model”.

### AWARDS FOR RESEARCH AND PERSONAL GRANTS

#### CHRISTIAN BINZ

Best paper award, International Conference on Sustainability Transitions (IST), Gothenburg, Sweden, 18.-21.06.2017 (1 out of 300 papers selected)

#### CLAUDIO FASSIO

Winner of a two-years research grant from the Lundberg Stiftelse. Title: “Leaving the Multinational: what is the impact of the mobility of human capital from multinational enterprises to entrepreneurship and small and medium businesses in Sweden? “

#### LEA FUENFSCHILLING

Best paper award International Sustainability Transitions Conference 2017 (IST2017) for the paper “Global socio-technical regimes” with Christian Binz.

#### SAM TAVASSOLI

Early Career Award for Excellence, RMIT University, Melbourne, Australia, 15 December 2017

### TEACHING AND SUPERVISION BY CIRCLE EMPLOYEES

#### COURSES AT LUND UNIVERSITY

#### LINA AHLIN

LUSEM, Economics, *Internationell ekonomi*

#### JANNA ALVEDALEN

School of Economics and Management,  
Department of Business administration,  
Strategic Brand Management and Kandidatkurs i  
Marknadsföring (bachelor level marketing  
course)

#### FREDRIC BAUER

Faculty of Engineering, Department of chemical  
engineering, Chemical Engineering Processes.

#### CHRISTIAN BINZ

Faculty of Engineering, LTH, INNN10  
Globalization and Innovation, taught one lecture  
and one exercise session, corrected exams

#### CLAUDIO FASSIO

LTH, Globalization of Innovation.

LTH, Entrepreneurship.

LTH, Management of Innovation.

LEA FUENFSCHILLING

LTH, CIRCLE, Entrepreneurship in new and established ventures

MARKUS GRILLITSCH

Program director for Bachelor of Science Programme in Urban and Regional Planning, Social Science Faculty, Department of Human Geography

Regional development and planning Economic Geography, Social Science Faculty, Department of Human Geography,

Economic Geography, Social Science Faculty, Department of Human Geography,

Global challenges: resources, environment, business, Social Science Faculty, Department of Human Geography,

Basis for planning, Social Science Faculty, Department of Human Geography,

Development Organisations and Programme Management, Social Science Faculty, Department of Human Geography,

Field Studies in Development Organisations and Management, Social Science Faculty, Department of Human Geography,

Geographies of Economies: Urban and Regional Planning, Social Science Faculty, Department of Human Geography,

MONICA KEANEY

Social Science, Department of Human Geography, Geographies of Economies: Transforming places, people and production

Social Science, Department of Human Geography, Degree Project (b-essay)

POLINA KNUTSSON

School of Economics and Management, Department of Economics, Makroekonomi

School of Economics and Management, Department of Economics, Advanced Macroeconomic Analysis

School of Economics and Management, Department of Economics, Advanced Trade Theory

School of Economics and Management, Department of Economics, Institutions, Markets and Firms in a Chinese Context

JOHN KÄLLSTRÖM

School of Economics and Management, Department of Economics, NEKA52 Nationalekonomi: Makroekonomisk teori och ekonomisk politik

ÅSA LINDHOLM DAHLSTRAND

LTH, INNN05 Entrepreneurship in New and Established Ventures

STINE HACH JUUL MADSEN

Social Science, Department of Human Geography, Geographies of Economies: Transforming places, people and production

Social Science, Department of Human Geography, Degree Project (b-essay)

JOHAN MIÖRNER

*SGEA23, Module 1. The region as an arena for economic development. 7,5 credits.*

*SGEL31, Module 4. Samhällsgeografi: projektarbete. 7,5 credits.*

*EKHM51. Ekonomisk historia: uppsatskurs. 7,5 credits.*



## MAGNUS NILSSON

LUSEM, Department of Business Administration,  
BUSR31 Qualitative Research Methods

LUSEM, Department of Business Administration,  
BUSN31 From Consumer Insights to Innovation

LUSEM, Department of Business Administration,  
FEKH20 Bachelor course in Marketing

LUSEM, Department of Business Administration,  
MGTN47 Management: Understanding  
Management

LUSEM, Department of Business Administration,  
Program Director, International Marketing &  
Brand Management - Master's Programme

## TORBEN SCHUBERT

LTH, Innovation Management

## JING XIAO

CIRCLE, Entrepreneurship in New and  
Established Ventures (INNN05)

CIRCLE, Globalization and Innovation (INNN10)

CIRCLE, Innovation Management (INNN01)

School of Economics and Management,  
Department of Economic History, Master thesis  
supervision

## ELENA ZUKAUSKAITE

LTH, CIRCLE, Entrepreneurship in New and  
Established Ventures

Faculty of Social Sciences, Department of Human  
Geography, SGEA23 Human Geography: Region  
as an arena for economic development

## COURSES AT OTHER UNIVERSITIES

### BJØRN T. ASHEIM

University of Stavanger, Business School, NORSI  
PhD course on The Geography of Innovation,  
13<sup>th</sup>-17<sup>th</sup> February 2017.

University of Stavanger, Business School, Master  
course on 'Perspectives of Innovation', Autumn  
term 2017.

### CHRISTIAN BINZ

University of Neuchatel, Department of  
Sociology, Introduction to economic geography,  
taught one lecture

### JONAS BÅÅTH

Uppsala University, School of Social Sciences,  
Dept. of Sociology, Organizational theory III

Örebro University, Grythyttte Academy, Swedish  
Institute for Culinary Arts and Meal Science,  
Meal and Society.

### CHARLES EDQUIST

Universidad Autonoma de Madrid, Cátedra  
UAM-Accenture en Economic y Gestión de la  
Innovación, LECTURED ON "Towards a Holistic  
Innovation Policy: The Swedish National  
Innovation Council as a Role Model"

### SABRINA FREDIN

Blekinge institute of Technology, Faculty of  
Engineering, Department of Spatial Planning,  
Urban theory I

Blekinge institute of Technology, Faculty of  
Engineering, Department of Spatial Planning,  
Urban theory II

Blekinge Institute of Technology, Faculty of Engineering, Department of Spatial Planning, Infrastructure and sustainability

Blekinge Institute of Technology, Faculty of Engineering, Department of Spatial Planning, Regional planning

Blekinge Institute of Technology, Faculty of Engineering, Department of Spatial Planning, Research design, research methods

Blekinge Institute of Technology, Faculty of Engineering, Department of Spatial Planning, Innovative Regions – Theory and Practice

Blekinge Institute of Technology, Faculty of Engineering, Department of Spatial Planning, European Cohesion Policy

Blekinge Institute of Technology, Faculty of Engineering, Department of Spatial Planning, Theoretical perspectives on regional development

Blekinge Institute of Technology, Faculty of Engineering, Department of Spatial Planning, Bachelor's Thesis

Blekinge Institute of Technology, Faculty of Engineering, Department of Spatial Planning, Master's Thesis

Blekinge Institute of Technology, Faculty of Engineering, Department of Spatial Planning, Studio III: Complexities

Blekinge Institute of Technology, Faculty of Engineering, Department of Spatial Planning, Professional Development in European Spatial Planning

LEA FUENFSCHILLING

University of Lucerne, Department of Sociology, Research Methodologies II

ÅSA LINDHOLM DAHLSTRAND

Umeå University, Invited speaker at REAL: RESEARCH & LEADERSHIP, STEP 3 – Distinguished Research Leader, 2016-2017,

SAM TAVASSOLI

RMIT University, School of Management, Contemporary Issues on Entrepreneurship

RMIT University, School of Management, Global Entrepreneurship

## SUPERVISION OF PHD STUDENTS

MARTIN ANDERSSON

Polina Knutsson, Lund University

Lina Ahlin, Lund University

Mark Bagley, Jönköping University

Lucinda David, Lund University

BJØRN T. ASHEIM

Nina Jentoft, University of Stavanger

Saees Moghadam Saman, University of Stavanger

Marianne Røgeberg, University of Stavanger

BO CARLSSON

Janna Alvedalen, Lund University

Carl Greppin, Case Western Reserve University

LaVonne Slaton, Case Western Reserve University

## LARS COENEN

Stephanie Campbell, University of Melbourne

Paris Hedfield, University of Melbourne

Kieran O'Sullivan, University of Melbourne

Seb Rattansen, University of Melbourne

Fredric Bauer, Lund University

Mette Talseth Solnørdal, Arctic University of Norway

Gesa Pflitsch, University of Marburg

## OLOF EJERMO

Yannu Zheng, Economic History, Lund University.  
PhD defense April 12<sup>th</sup>, 2017

John Källström, Economics, Lund University

## MARKUS GRILLITSCH

Kadri Kuusk, Lund University

## TEIS HANSEN

Stine Hach Juul Madsen, Department of Human Geography and CIRCLE, Lund University. Main supervisor

Monica Keaney, Department of Human Geography and CIRCLE, Lund University. Main supervisor

## DUNCAN KUSHNIR

Derek Diener, Chalmers University of Technology

## ÅSA LINDHOLM DAHLSTRAND

Main-supervisor for Eva Berggren, Halmstad University and Chalmers University,

Main supervisor for Andes Billström, Halmstad University and Chalmers University of Technology.

Co-supervisor for Hugo Barros, the PhD Program Innovation and Land Use Management, University of Algarve, Faro, Portugal,

External supervisor for Kjersti Kjos Longva, Phd candidate at UiT The Arctic University of Norway and NORSI

Main supervisor for Janna Alvedalen, Lund University,

*Member of the Board for NORSI (Norwegian Research School in Innovation), a joint Research School managed by BI, Oslo, and NTNU, Trondheim.*

## JERKER MOODYSSON

Joakim Wernberg, Lund University

Lionel Sack, Lund University

Hjalti Nielsen, Lund University

Shanyun Lu, Jönköping University

## MAGNUS NILSSON

Janna Alvedalen, Lund University

## TORBEN SCHUBERT

Polina Knutsson, Lund University

### POLICY REPORTS

**Andersson, M.** (2017), Vad betyder stora kunskaps- och teknikintensiva företag för Sverige? Näringslivspolitiskt forum, Entreprenörskapsforum, Stockholm

**Andersson, M.** och J.P Larsson (2017), Näringslivsdynamik, städer och agglomerationsekonomier – forskningsöversikt och agenda, Tillväxtanalys, Stockholm

**Andersson, M.**, J.P Larsson och **J Wernberg.** (2017), Närhet och nätverk – urbaniseringens roll utanför storstäderna, Fastighetsägarna

Athreye, S., **Fassio, C.**, (2018) Innovation, Appropriating Value and Barriers to the use of Intellectual Property in the UK: Evidence from the SIPU 2015 survey, IPO Working Papers, UK Intellectual Property Office, London

**Bauer, F.; Hansen, T. & López, J.A.M.** (2017) Challenges for development of biorefineries and new forest-based value chains – insights from a social science perspective. Report for Climate-KIC

Campbell, S., & **Coenen, L.** (2017). Transitioning beyond coal: Lessons from the structural renewal of Europe's old industrial regions (No. 1709). Centre for Climate Economics & Policy, Crawford School of Public Policy, The Australian National University

**Coenen, L.; Grillitsch, M.; Hansen, T.; Miörner, J.; Moodysson, J.** (2017) Policy for system innovation – the case of Strategic Innovation Programs in Sweden. Report for the OECD

Crespo, J. P.A. Balland, **R. Boschma** and D. Rigby (2017) Regional diversification opportunities and smart specialization strategies. Policy brief by the Research, Innovation, and Science Policy Experts RISE, DG for Research and Innovation, Brussels.

**Edquist, C.** European Commission (2017) Developing Strategic Frameworks for Innovation Related Public Procurement. [Link to the report](#)

**Ejermo, O. and Källström, J.** (2017) "Hur effektivt tar akademien fram innovationer?," Ekonomisk Debatt, 2, 29-40 [How efficient is academia in producing innovations?]

Jacob, M. and **Lindholm Dahlstrand, Å.** (2017) Background Expert Report on R&I Policies in 2016: Sweden, The Research and Innovation Observatory (RIO), JRC, European Commission.

**Lindholm Dahlstrand, Å.**, Jacob, M., Sprutacz, M. (2017) RIO Country Report 2016: Sweden; ISBN 978-92-79-68476-0 ISSN 1831-9424 doi: 10.2760/115672

**Lindholm Dahlstrand, Å., Nilsson, M.**, och Politis, D. (2017a) Entreprenöriellt experimenterande och samverkan i innovationssystem, SMF-Effektanalys 2016-2017, VINNOVA, rapport till Regeringskansliet (113 pages)

**Lindholm Dahlstrand, Å., Nilsson, M.**, och Politis, D. (2017b), Entreprenöriellt experimenterande och samverkan i innovationssystem, VINNOVA, rapport till VINNOVA (110 pages)

Rodriguez-Pose, A., **R. Boschma**, L. Tspouri and A. Bonaccorsi (2017) The diffusion deficit and economic convergence, in: Europe's Future: Open Innovation, Open Science, Open to the World, reflections of the RISE group, European Commission, DG Research and Innovation, Brussels, pp. 35-46.

**Wernberg, J, and M Andersson.** (2017), State of the Digital Region 2017 – exploring automation, education and learning in the BSR ,Baltic Development Forum, Copenhagen

## ASSIGNMENT IN POLICY BOARDS AND EVALUATION PANELS

### MARTIN ANDERSSON

Tillväxtanalys, Vetenskaplig råd

Produktivitetskommissionen, Sydsvenska  
Industri- och Handelskammaren

Member of the Expert Group for RIO Country Report 2016, The Research and Innovation Observatory (RIO), JRC, European Commission, 2016-2017.

Member of the Advisory Board for the TRIGGER Project (EU funded research project, Full title: Transforming Institutions by Gendering contents and Gaining Equality in Research), from 2013-2017

### CHRISTIAN BINZ

Invited external expert, Independent Group of Scientists to draft the UN's Global Sustainable Development Report 2019

Member of the Supervisory Board of RUNIN – The Role of Universities in Innovation and Regional Development, project funded from the European Union's Horizon 2020 research and innovation programme under Marie Skłodowska-Curie grant agreement No. 722295, 2017-

### LARS COENEN

Operational Board Member for University of Melbourne in CLIMATE-KIC Australia

### CHARLES EDQUIST

Council member, Swedish National Innovation Council (Nationella innovationsrådet), chaired by the Prime Minister and including also four other Ministers. The task of the council members is to advise the government on issues related to innovation policy. Four 5-hour meetings were held during 2017:

Chairman, Mutual Learning Exercise (MLE) on Innovation Procurement under Horizon 2020 Policy Support Facility, European Union, with 15 EU Member States as participants. The task is to focus on functional specifications for achieving innovations by means of public procurement.

### JOAKIM WERNBERG

Member, Svenska Stadskärnors forskarråd

Member, Top of Digital Europe Policy Advisory Board

### ÅSA LINDHOLM DAHLSTRAND

## DEBATE ARTICLES

MARTIN ANDERSSON

"Kunskap och teknikföretagen avgörande för ekonomin", Ny Teknik, 2017-06-15

<https://www.nyteknik.se/opinion/kunskaps-och-teknikforetagen-avgorande-for-ekonomin-6855304>

PER ERIKSSON

H Swärd, P. Eriksson "Låt julen 2017 bli starten för en ny hemlöshetspolitik" DN Debatt 2017-12-24

## POLICY WORKSHOPS

BJØRN T. ASHEIM

DG Regio academic seminar on regional policy contribution to Pascal Lamy High Level Group on maximising the impact the EU's investment into research and innovation. Brussels, 27<sup>th</sup> August 2017 – invited speaker. Audience: DG Regio.

Smart Regions 2.0 Conference (DG Regio). Helsinki, 1<sup>st</sup>-2<sup>nd</sup> June 2017 – invited speaker. Audience: Policy makers and practitioners.

CHARLES EDQUIST

Holistic Innovation Policy, Almedalen, July 6

Monitoring, evaluation and impact assessment of innovation-related procurement, EU Mutual Learning Exercise (MLE) on Innovation Related Procurement, September 20-21

Functional Procurement for increased Innovation, Swedish Environmental Protection Agency (Naturvårdsverket), October 10, 2017

Charles gave the initial presentation at a seminar on "Functionally Based Procurement in the Public Sector" on October 30, 2017 in Kista outside Stockholm. The seminar was organized by Swerea/KIMAB was devoted to develop a functionally based demands for anti-corrosive treatment of bridges. Charles' presentation dealt with purposes and objectives of functional specifications in public procurement.

Reference group meeting on "Innovation Competitions", Swedish Competition Authority (Konkurrensverket), November 16, 2017

On May 26-27 an international scientific workshop with 20 participants, was organized at CIRCLE to discuss a book manuscript entitled "Holistic Innovation Policy: Theoretical Foundations, Policy Problems and Instrument Choices", by Charles Edquist and Susana Borrás to be published by Oxford University Press. 12 papers (chapters) were presented and evaluated by foreign experts in the field. The chapters are available from the authors.

CLAUDIO FASSIO

Co-organizer of the Workshop “Knowledge platform for analysis of the role of global business groups in the Swedish economy and Sweden’s place in global business groups with a focus on innovation”. Held at Vinnova, Stockholm on 7th March 2017.

#### ÅSA LINDHOLM DAHLSTRAND

Invited speaker on “Entreprenöriellt. experimenterande: En nyckelfunktion för skapande av samhällsnytta”, Ledarskapsarenan, Unionen and Lund University, Nov 2017

Invited speaker on “Spillover and system-effects of VINNOVA funded R&D and innovation projects in SMEs”, Mutual Learning Exercise on Evaluation of Business R&D Grants Scheme, under the Horizon 2020 Policy Support Facility (PSF), Second Workshop – Behavioural change: towards a better understanding of innovation journeys of beneficiaries of R&D and innovation grants, VINNOVA

Invited speaker on “Innovation och entreprenörskap”, Bygginnovationen, Annual Meeting, IQ Samhällsbyggnad, Stockholm, October 2017.

“SMF-Effektanalys 2016-2017”, Vinnova seminar, Vinnova Analys, Stockholm

#### MAGNUS NILSSON

Tillväxt utanför storstäder – Drivkrafter och utmaningar, Länsförsäkringar, December 19, 2018

### MEDIA EXPOSURE

#### LARS COENEN

Representative for University of Melbourne for Standing Committee on Infrastructure, Transport And Cities Inquiry into the Australian Government's role in the development of cities (29/08)

#### ÅSA LINDHOLM DAHLSTRAND

Interviewed by Bloomberg News: : These Are the World's Most Innovative Economies, <https://www.bloomberg.com/news/articles/2017-01-17/sweden-gains-south-korea-reigns-as-world-s-most-innovative-economies>

#### MAGNUS NILSSON

Podcast Länsförsäkringar, ”Tillväxt utanför storstäder – Drivkrafter och utmaningar”,

#### JOAKIM WERNBERG

Interviewed by 8till5 (Sydsvenskan) “Att slå ihop kommuner borde vara en valfråga” 26-09-2017

#### YANNU ZHENG

media report

Cience: How immigrants invent: evidence from Sweden

Entré: Invandrade och infödda uppfinnare lyckas lika bra