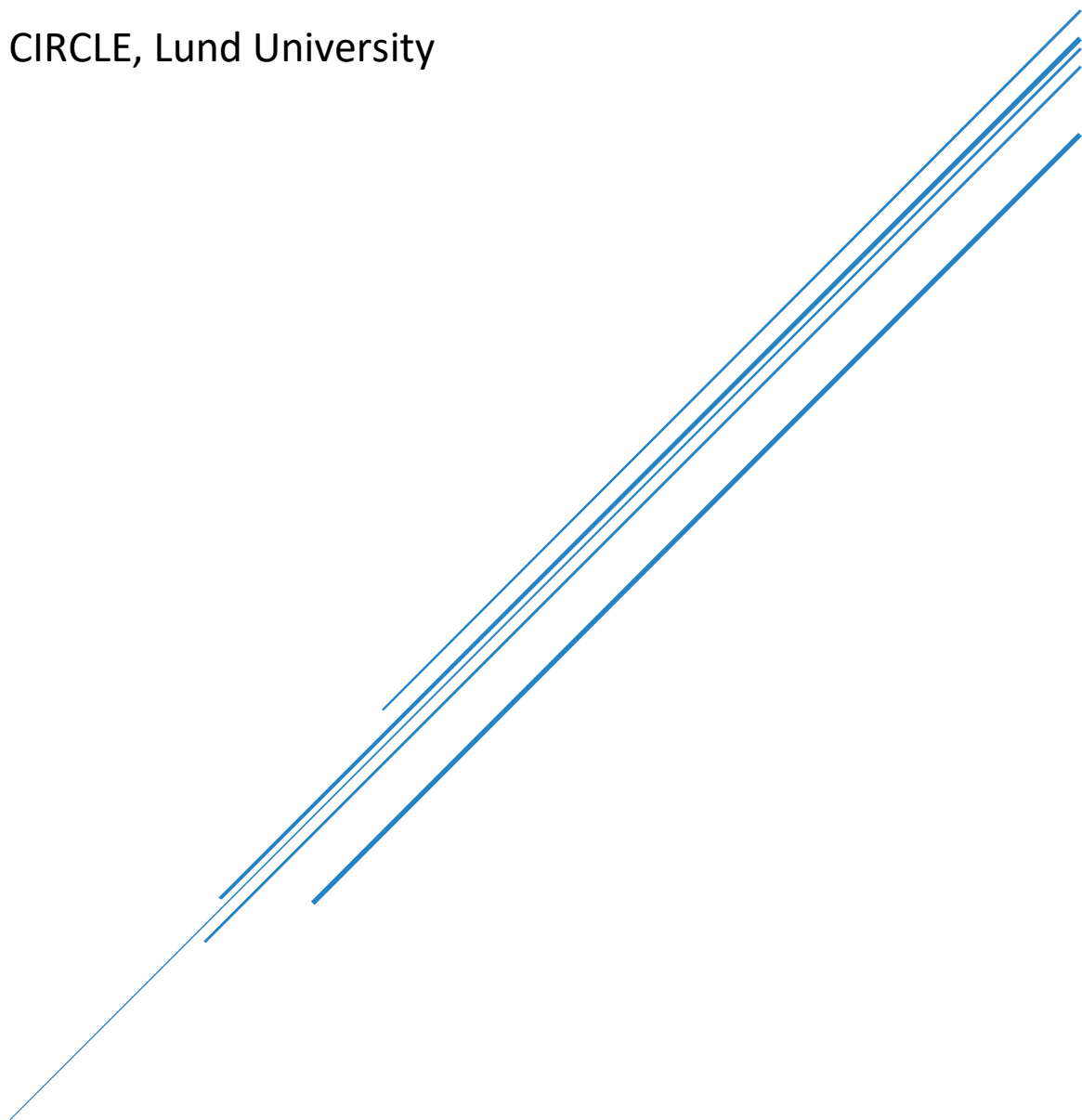




ANNUAL REPORT 2019

CIRCLE, Lund University



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

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LETTER FROM THE DIRECTOR

CIRCLE has been a leading center for innovation research for 15 years. In 2018, CIRCLE has been reorganized to ensure a long-term financial and operational structure, with the aims to i) develop as an internationally leading and renowned research center in innovation studies with the capabilities to attract successful researchers and PhD Candidates, ii) provide excellent opportunities for dynamic and inter-disciplinary research activities, and iii) disseminate research results and engage with decision makers and society.

As all reorganizations this was a challenge for CIRCLE. Yet, we are growing again. End of 2019, we counted 47 members and affiliated members from Lund University and 10 other partner universities around the world. CIRCLE's members are employed at the Faculty of Engineering (LTH), the School of Economics and Management and the Faculty of Social Sciences. All three faculties have committed to contribute to the development of CIRCLE.

Highlights in 2019 include 95 research publications presented during the year – substantially above the 81 research outputs in 2018 (see Section Research at CIRCLE). This includes 49 papers in international scientific journals and 1 edited book. CIRCLE has continued to build its network and recruit new senior researchers, including two Associate Professor positions. New externally funded projects in 2019 will help to finance these recruitments.

CIRCLE was highly active in disseminating research results and engaging with decision makers and society. CIRCLE researchers wrote 13 policy reports and contributed to 31 policy workshops. CIRCLE interacted with a wide range of policy makers and practitioners at the regional, national (e.g. the National Innovation Council, VINNOVA, Swedish Competition Agency, Tillväxtverket) and international (European Commission, OECD) levels.

CIRCLE members contribute actively to Master and PhD level education across faculties. In 2019, CIRCLE researchers supervised 31 PhD students. CIRCLE is part of NORSI (Norwegian Research School in Innovation), which is a joint Research School managed by BI, Oslo, and NTNU, Trondheim, where several of CIRCLE's PhD students are active. CIRCLE is also an active member of EU-SPRI, which is an European Forum for Studies of Policies for Research and Innovation linking leading research institutes in Europe.

After leading CIRCLE successfully through the turbulent times of reorganization, Åsa Lindholm Dahlstrand handed over the responsibilities as Director of CIRCLE to Markus Grillitsch, effective with 1.1.2020. We are both thankful for the support received from the leadership of the faculties and Lund University, as well as all members and affiliated members of CIRCLE. We see great potential in CIRCLE further strengthening its position as leading international center for innovation studies with a strong focus on inter-disciplinarity, research excellence, and outreach.

Åsa Lindholm Dahlstrand & Markus Grillitsch

Lund, June 2019

RESEARCH AT CIRCLE

During 2019, CIRCLE researchers published 49 peer-review journal articles, 12 books and book chapters, 18 conference papers and 16 CIRCLE working papers (downloadable at <http://www.circle.lu.se/publications/>) 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 2019, studies by CIRCLE members have been cited approx. 15 000 times (based on google scholar citations).

In 2019, CIRCLE was involved in 16 externally granted research projects with a total budget volume of 145 MSEK. This includes both research projects that are administered at CIRCLE (and thus run through CIRCLE accounts) as well as projects of CIRCLE members that are administered at one of the three faculties, which are part of CIRCLE. Due to the reorganization, the numbers are not directly comparable to earlier years. However, the current funding situation is very positive and provides a stable ground for future development.

Main CIRCLE financiers are VINNOVA, the Swedish Research Council, the 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, Utrecht University, University of Stavanger, NTNU, University of London, Brighton University, and University of Sussex just to mention a few.

CIRCLE's 10-year Linneaus grant (LUCIE, funded by the Swedish Research Council 2006-2016) was evaluated by the Swedish Research Council in 2019. Overall, the assessment was that CIRCLE performed very well in terms of research output. However, at the time of evaluation, sustainability was mentioned critically as the reorganization of CIRCLE was in process arguably with a lack of commitment of Lund University. Over the last 2 years, we experienced a considerable increase in commitment of the three involved faculties and Lund University central administration.

INTERACTION WITH SOCIETY AND POLICY MAKERS

CIRCLE researchers contribute to the dissemination of research results to policy makers and society at large by, for example, writing policy reports, debate articles, and by presenting results at policy workshops. CIRCLE members are also taking various assignments in policy boards and providing comments to journalists.

During 2019, 13 policy reports were written by CIRCLE members. They cover a variety of themes such as evaluation of innovation systems, innovation policy, economic growth, global value chains, entrepreneurial experimentation, urbanization, sustainability transitions, the role patenting and intellectual property rights and others.

In addition, CIRCLE researchers contributed to 31 policy workshops on themes related to organization and governance, AI, primary care and health care, transformative innovation policy, functional procurement, innovation policy, global value chains and foreign direct investment, regional development, sustainability transition, system innovation, transformative innovation policy etc. Furthermore, CIRCLE members provided comments and gave interviews to journalists on various topics related to innovation, entrepreneurship and policy making.

CIRCLE researchers interact with a wide range of policy makers and practitioners at the regional, national (National Innovation Council, VINNOVA, Swedish Competition Agency, Tillväxtverket) and international (European Commission, OECD) levels.

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. CIRCLE members supervised 31 PhD students. In 2019, CIRCLE members participated in teaching at three different faculties at Lund University: the School of Engineering, the Social Science Faculty, and the School of Economics and Management. CIRCLE's ambition is to contribute to further strengthening cross-disciplinary teaching at Lund University. This brings both great opportunities and challenges for the future.

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. Prof. Åsa Lindholm Dahlstrand is member of the Board for NORSI. NORSI consists of a research network that includes many Norwegian universities and colleges. In 2019, CIRCLE was the only non-Norwegian member, but in the future, NORSI will become a Nordic Research School in Innovation and Entrepreneurship, a development that will add more non-Norwegian partners to the network. In 2019, as well as earlier years, 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.

PROJECTS AT CIRCLE 2019

ONGOING AND UPCOMING PROJECTS AT CIRCLE

Financier	Title of the project	Amount in SEK	Start Year	End Year
*Norwegian Research Council	SusValueWaste: Sustainable Path Creation for Innovative Value Chains for Organic Waste Products	1 430 808	2015	2019
SIDA	Support of Research cooperation with Universidad Mayor de San Andres (UMSA), Bolivia	875 000	2016	2020
SIDA	Support of Research cooperation with Universidad Mayor de San Simón (UMSS), Bolivia	1 050 000	2016	2020
*EU Commission	REINVENT Realising Innovation in Transitions for Decarbonisation	3 213 583	2016	2020
*MISTRA	STEPS – Sustainable Plastics and Transition Pathways	45 000 000	2016	2020
EU Commission	Framework for the Analysis of Research and Adoption Activities and their Macroeconomic Effects	1 891 310	2017	2019
*NordForsk	GONST: Where Does the Green Economy Grow? The Geography of Nordic Sustainability Transitions	20 906 600	2017	2020
VINNOVA	Sveriges position i globala värdekedjor	16 515 733	2017	2021
*Marianne and Marcus Wallenberg Foundation	Renewal of Mature Industries in Sweden: Institutional Preconditions and Routes of Innovation	1 375 079	2017	2020
VINNOVA	STIPP: Swedish Transformative Innovation Policy Platform	33 286 932	2017	2022
Lundbergs Stiftelse	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
Lundbergs Stiftelse	Hunting High-Quality Human Capital through Acquiring Technology Ventures? A Study of Corporate Recruitment through Acquisitions	1 626 039	2018	2020
VINNOVA	An Experimentally Organised Economy: A Proposal for Strategic Knowledge Platform	11 600 473	2018	2021
VINNOVA	Evaluation of Vinnova's program "Genus och Mångfald för Innovation"	793 234	2019	2019
VINNOVA	An experimentally organised economy: The role of Entrepreneurial Experimentation	6 633 491	2019	2022

FORMAS	Innovation far from major growth centres: Policy and Practice to support economic development in Europe's northern periphery	2 992 514	2019	2022
Upcoming Projects in 2020				
VINNOVA	Building Innovation Capacity (BIC)	4 835 131	2020	2022
Handelsbanken	The role of regional anchors in industrial growth and transformation	1 500 000	2020	2022
Handelsbanken	Acquisitions for experimentation: the impact of acquisitions of deep tech ventures on the capability creation and transformation of incumbent technology firms	900 000	2020	2023

CIRCLE members in bold.

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Brennecke, J., **Sofka, W.** & Rank, O. (2019). Individual-Level and Unit-Level Knowledge Transfers for Innovation: A Multilevel Network Approach. Paper presented at DRUID19 Conference. Copenhagen, Denmark. June 19-21.

David, L. (2019). Rodrigo Duterte: Populist, Authoritarian, Climate Justice Warrior? Presented at Political Ecologies of the Far-Right Conference. Lund, Sweden. November 15-17.

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Lawton Smith, H. (2019). Entrepreneurs, institutional change and the development of regional innovation systems. Paper presented at Uddevalla Symposium. L'Aquila, Italy. June 25-30.

Lawton Smith, H. (2019). Oxford and Grenoble: twin cities in divergent pathways. Paper presented at SOAS CGF Seminar. London, UK. October 23.

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O'Gorman, W., **Lawton Smith, H.** & Haynes, R. (2019). The contribution of HEIs to graduate labour markets and regional economic development. Paper presented at the Regional Innovation Policies Conference. Florence, Italy. November 7-8.

Rekers, J. & **Stihl, L.** (2019). "We were only managing our legacy": Forms of agency in Olofström's development path from supply chain to regional cluster. Paper presented at Nordic Geographers Meeting. Trondheim, Norway. June 16-19.

Stihl, L. & Rekers, J. (2019). Agency, regional development and local context: Micro-level evidence from an old industrial region. Paper presented at the Regional Innovation Policies Conference. Florence, Italy. November 7-8.

KEYNOTE PRESENTATIONS IN ACADEMIC CONFERENCES

BJØRN ASHEIM

"Smart specialisering som virkemidde for regional utvikling". First Invited Mohn Centre lecture at Western University of Applied Sciences. Bergen, Norway. December 5.

"Place Based Innovation Policy, Smart Specialisation and Unrelated Diversification". Presentation at the 14th Regional Innovation Policy (RIP) conference. Florence, Italy. November 7.

"Regional Innovation Strategy for New Industrial Path Development in the Era of the Fourth Industrial Revolution". Presentation at the 2019 International Symposium on Regional Innovation Strategy and Inclusive Regional Development in the fourth Industrial Revolution Era. Deajon, South-Korea. May 8.

"Regional innovation systems: Theory, policy and practice". Presentation at seminar on Policy dialogue: Framework for regional innovation in transition regions. RMIT University, Melbourne, Australia. August 28.

"The role of the regional innovation system approach in contemporary regional policy: Is it still relevant in a globalised world?". Presentation at the EURIPER final conference on EU regional and innovation policies and peripheral regions. Santiago de Compostela, Spain. July 11.

"The role of the regional innovation system approach in contemporary regional policy: Is it still relevant in a globalised world?". Presentation at Unisinos. Porto Alegre, Brazil. November 13.

DAVIDE CASTELLANI

"To Each Their Own. Unpacking Connectivity and MNEs Location Decisions". Presentation at iBEGIN Conference 2019. Copenhagen, Denmark. June 23.

MARTIN ANDERSSON

Invited keynote speaker at Uddevalla Symposium 2019. Gransasso Science Institute, Italy. June.

Invited speaker at the 84th East Jour Fixe on 'Long-run economic growth and development in Central, Eastern and Southeastern Europe (CESEE): Goals, priorities and implementation strategies'. Vienna, Austria. June 3.

Invited speaker at the OECD conference on "SMEs and the Urban Fabric" at the OECD Centre for Local Development. Trento, Italy. April 15-17.

Keynote Speaker at the conference on Regional Sustainable Development Forum 2019. Organized by the School of Public Policy and Management, Tsinghua University. Zhaoqing, China.

AWARDS FOR RESEARCH AND PERSONAL GRANTS

CHARLES EDQUIST

Appointed to hold the 'UAM-Accenture Visiting Fellowship' in the area of economics and management of innovation at the 'UAM-Accenture Chair' at the Autonomous University of Madrid. March 1-31, 2019.

CLAUDIO FASSIO

Winner of the Exeter Prize for the 'Best Paper in Knowledge Management and Innovation' at the 2019 EIBA (European International Business Association) conference in Leeds, December 2019. Paper: "International Knowledge Flows Between Industrial Inventors and Universities: The Role of Multinational Companies"

SAM TAVASSOLI

Early Career Award for Research Excellence, College of Business & Law, RMIT University, Australia. December 2019.

TEACHING AND SUPERVISION BY CIRCLE EMPLOYEES

COURSES AT LUND UNIVERSITY

ANDERS ANELL

School of Economics and Management,
Department of Business Administration,
Performance Measurement & Management,
Master's Programme in Accounting & Finance,
7,5 ECTS

School of Economics and Management,
Department of Business Administration,
Innovation and Management Control, Master's
Programme in Accounting & Finance, 5 ECTS

ANTONIO MARAÑÓN

Faculty of Engineering, Production Management,
Tillämpad affärsanalys (MION20)

School of Economics and Management,
Department of Statistics, Quantitative Research
Method (STAR04)

CHRISTIAN BINZ

Faculty of Engineering, Department of Design
Sciences, Globalization and Innovation, Guest
lecturer in one course and exercise, correction
of exams (INNN10)

CLAUDIO FASSIO

Faculty of Engineering, Department of Design
Sciences, Globalization and Innovation (INNN10)

School of Economics and Management,
Department of Business Administration,
Knowledge Frontiers in International Business
(IBUH11)

School of Economics and Management,
Department of Business Administration,
Innovation Management and Open Innovation
(ENTN32)

School of Economics and Management,
Department of Business Administration, Degree
Project - New Venture Creation (ENTN19)

GUSTAV VALLIN

Faculty of Social Sciences, Department of Human
Geography, Kulturgeografi: Befolkningsgeografi
(SGEL40)

JAVIER CENAMOR

School of Economics and Management,
Department of Business Administration,
Master's in International Marketing and Brand
Management, Degree project in Global
Marketing (BUSN39)

School of Economics and Management,
Department of Business Administration,
Master's in International Marketing and Brand
Management, Research Strategy (BUSP37)

School of Economics and Management,
Department of Business Administration,
Master's in International Marketing and Brand
Management, From Consumer Insight to
Innovation (BUSO31)

School of Economics and Management,
Department of Business Administration,

Master's in International Marketing and Brand Management, Digital Marketing (BUSO38)

School of Economics and Management,
Department of Business Administration,
Bachelor's in International Business,
International Marketing (IBUA21)

School of Economics and Management,
Department of Business Administration,
Bachelor's in Business Administration,
Kandidatkurs i marknadsföring (FEKH20)

JING XIAO

Faculty of Engineering, Department of Design Sciences, Globalization and Innovation (INNN10)

Faculty of Engineering, Department of Design Sciences, Innovation Management (INNN01)

JOHN KÄLLSTRÖM

School of Economics and Management,
Department of Economics, Makroekonomisk teori och ekonomisk politik (NEKA52)

School of Economics and Management,
Department of Economics, Makroekonomisk teori och ekonomisk politik (NEKA12)

School of Economics and Management,
Department of Economics, Mikroekonomisk teori med tillämpningar (NEKA12)

KARL-JOHAN LUNDQUIST

Faculty of Social Sciences, Department of Human Geography, Servicesektorns framväxt, 15 ECTS (undergraduate level)

Faculty of Social Sciences, Department of Human Geography, Trends in Political Economy, 7,5 ECTS

Faculty of Social Sciences, Department of Human Geography, Urban och regional dynamik: nya forskningsinriktningar, 15 ECTS (undergraduate level)

School of Economics and Management,
Department of Economic History, Economic

Growth over Time and Space, advanced level, 7,5 ECTS (undergraduate level)

School of Economics and Management,
Department of Economic History, Master's thesis course (one-year, advanced level)

LARS BENGTTSSON

Faculty of Engineering, Department of Design Sciences, Entrepreneurship – building a scalable start-up (INNA01)

Faculty of Engineering, Department of Design Sciences, Innovation Management (INNN15)

LEA FÜNFSCILLING

School of Economics and Management,
Department of Economic History, Agenda 2030 Responsible Consumption and Production (PhD course, one lecture, two seminars)

LINDA STIHL

Faculty of Social Sciences, Department of Human Geography, GIS: Geographical Information System for the Social Sciences - Introduction with Applications, GIS-orienterade övningar, 7,5 ECTS (SGEG20)

Faculty of Social Sciences, Department of Human Geography, Human Geography: Project Work, 7,5 ECTS (SGEL52)

Faculty of Social Sciences, Department of Human Geography, Human Geography: Bachelor Thesis, 30 credits, Module 1 Research Methodology, 7,5 ECTS (SGEK03)

Faculty of Social Sciences, Department of Human Geography, Human Geography: Bachelor Thesis in Urban and Regional Planning, 15 ECTS (SGEL36)

Faculty of Social Sciences, Department of Human Geography, Urban Analysis with Methodological Applications, 15 ECTS (SGEL51)

LUCINDA DAVID

Faculty of Social Sciences, Department of Human Geography, Research Methods: Workshop in NVIVO

MAGNUS NILSSON

School of Economics and Management, Department of Business Administration, From Consumer Insight to Innovation

School of Economics and Management, Department of Business Administration, Qualitative Research Methods

School of Economics and Management, Department of Business Administration, Degree Project in Marketing

School of Economics and Management, Department of Business Administration, Functions of Management

MARKUS GRILLITSCH

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

Faculty of Social Sciences, Department of Human Geography, Development Cooperation in Practice

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

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

Faculty of Social Sciences, Department of Human Geography, Regional Development and Planning

OLOF EJERMO

School of Economics and Management, Department of Economic History, Swedish Economic Development (SASE10)

School of Economics and Management, Department of Economic History, Internship course director (EKHT16)

School of Economics and Management, Department of Economic History, Advanced Topic - Globalization of Innovation (EKHT52)

School of Economics and Management, Department of Economic History, Economics of Innovation (EKHM71)

POLINA KNUTSSON

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

School of Economics and Management, Department of Economics, Macroeconomics

TORBEN SCHUBERT

Faculty of Engineering, Department of Design Sciences, Globalization and Innovation (INNN10)

Faculty of Engineering, Department of Design Sciences, Innovation Management (INNN15)

COURSES AT OTHER UNIVERSITIES

CHARLES EDQUIST

Copenhagen Business School, Demand-driven Innovation Policy: The Example of Functional Public Procurement, December 6

Copenhagen Business School, Problem-Oriented Innovation Policy: A Holistic Approach, December 6

Norwegian Business School – BI Oslo, Norway, Functional Procurement for Innovation, Welfare and the Environment, May 22

LEA FÜNFSCILLING

CIIST (The Chalmers Initiative for Innovation and Sustainability Transitions), Innovation Policy for Sustainable Transitions, October 10

Fraunhofer ISI, STRN Methodology PhD School (one week, co-organizer and lecturer)

University of Lucerne, Faculty of Humanities and Social Sciences, Department of Sociology, Innovation and Sustainability (MA course, offered blocked during 4 full days)

LENA TROJER

Universidad Mayor de San Simón, Faculty of Technology, Master's in Innovation & Development, course in Knowledge Production in Inclusive Innovation Processes

JAVIER CENAMOR

Högskolan Kristianstad, Master's level course in Customer Perspectives and Value-Creating Processes, guest lecturer

MARTIN ANDERSSON

Blekinge Institute of Technology, Managerial Economics and Business Strategy,

Blekinge Institute of Technology, Firms in the Global Economy

WOLFGANG SOFKA

Copenhagen Business School, Master Finance and Strategic Management (FSM), Corporate Strategy

Copenhagen Business School, Master Finance and Strategic Management (FSM), Master Program Concentration Coordinator

Copenhagen Business School, Master Finance and Strategic Management (FSM), Strategic Management

Copenhagen Business School, Master International Marketing and Management (IMM), International Business and Strategy

Copenhagen Business School, Master International Marketing and Management (IMM), Foundations of Strategy

YANNU ZHENG

Zhejiang University of Technology, School of Management, Department of Innovation, Entrepreneurship and Investment

SUPERVISION OF PHD STUDENTS

ANDERS ANELL

Helen Ödesjö, Sahlgrenska Akademien

BO CARLSSON

Mukhtar Yusuf, Case Western Reserve University

CHRISTIAN BINZ

Andri Brugger, University of Neuchâtel, Switzerland & Eawag

Jonas Heiberg, Utrecht University, Netherlands & Eawag, co-supervisor

KAVEH MAJLESI

Erik Grenestam, Lund University

Haiyue Dong, Lund University

Sandra Donnally, Lund University

LARS BENGTTSSON

Emil Åkesson, Lund University

Izabelle Bäckström, Lund University

Janna Alvedalen, Lund University

Mirella Muhic, Lund University

Nanond Nopparat, Lund University

LEA FÜNFSCILLING

Gustav Vallin, Lund University

LENA TROJER

Anders Falk, Blekinge Institute of Technology
(Licentiate 2019-11-01)

Elisabeth Gulbrandsen, Blekinge Institute of
Technology (PhD 2019-12-19)

Linda Paxling, Blekinge Institute of Technology
(PhD 2019-01-25)

Wendy Sanzetenea, Blekinge Institute of
Technology

MAGNUS NILSSON

Janna Alvedalen, Lund University

MARKUS GRILLITSCH

Alvaro von Borries, Lund University

Kadri Kuusk, Lund University

Linda Stihl, Lund University

MARTIN ANDERSSON

Anna Kusetogullari, Blekinge Institute of
Technology, main supervisor

Lina Ahlin, Lund University, main supervisor

Ola Olsson, Blekinge Institute of Technology,
main supervisor

Polina Knutsson, Lund University, deputy
supervisor

Shujan Wang, Blekinge Institute of Technology,
main supervisor

OLOF EJERMO

John Källström, Lund University

TEIS HANSEN

Stine Hach Juul Madsen, Lund University

TORBEN SCHUBERT

Polina Knutsson, Lund University

WOLFGANG SOFKA

Baikuo Liu, University of Liverpool Management
School (since 2019)

Alina Grecu, Copenhagen Business School (since
2017)

Jang Woo Kim, Bocconi University

ÅSA LINDHOLM DAHLSTRAND

Janna Alvedalen, Lund University, main
supervisor

INTERACTION WITH SOCIETY BY CIRCLE EMPLOYEES

POLICY REPORTS

CHARLES EDQUIST

Edquist, C. (2019). *Funktionsupphandling för innovation, välfärd och miljö* (Functional Procurement for Innovation, Welfare and the Environment), Konkurrensverket uppdragsforskningsrapport 2019:2,

Stockholm: Konkurrensverket (Swedish Competition Agency), 56 pp. In Swedish, but with a 4-page summary in English.

CLAUDIO FASSIO

Fassio et al. (2019). *Sweden's Position in Global Value Chains*, Annual Report 2019.

JOAKIM WERNBERG

Miörner, J., Kalpaka, A., Sorvik, J. & Wernberg, J. (2019). *Exploring heterogeneous Digital Innovation Hubs in their Context*, Joint Research Centre, European Commission, no. JRC117976.

Miörner, J., Rissola, G., Sörvik, J. & Wernberg, J. (2019). *Putting Digital Innovation Hubs into Regional Context*, Joint Research Centre, European Commission, no. JRC117910.

Wernberg, J. (2019). *I den svarta lådan: Plattformsekonomier och digitalisering*, Entreprenörskapsforum Stockholm.

Wernberg, J. (2018). I den svarta lådan: Plattformsekonomier och digitalisering in *Plattformssamhället*, J.A. Schwarz & S. Larsson (eds.), Stockholm: Fores.

JOHAN MIÖRNER

Miörner, J., Kalpaka, A., Sorvik, J. & Wernberg, J. (2019). *Exploring heterogeneous Digital Innovation Hubs in their Context*, Joint Research Centre: European Commission, no. JRC117976.

Miörner, J., Rissola, G., Sörvik, J. & Wernberg, J. (2019). *Putting Digital Innovation Hubs into Regional Context*, Joint Research Centre: European Commission, no. JRC117910.

MAGNUS NILSSON

Lindholm Dahlstrand, Å., Nilsson, M. & Politis, D. (2019). *Entreprenöriellt experimenterande och samverkan i innovationssystem: SMF-effektanalys 2016–2018, VINNOVA RAPPORT VR 2019:03* (in Swedish).

Dahlstrand, Å. L. & Nilsson, M. (2019). *Innovation Country Report 2019: High growth enterprises, innovation and productivity challenges*, [Sweden], RIO Country Report 2019, The Research and Innovation Observatory (RIO), JRC, European Commission.

MARTIN ANDERSSON

M Andersson, J.P Larsson och J Wernberg (2019), *Stora Kunskapsintensiva Investeringar – orsaker, verkan och den offentliga sektorns roll*, Tillväxtanalys, Stockholm

M Andersson och J.P Larsson (2019). *Västsverige: Ekonomisk utveckling och ekonomisk geografi*, Västra Götalandsregionen, Göteborg

M Andersson och J.P Larsson (2019). *Entreprenörskapets enviga geografi*, i Wennberg, K (red) (2019), *Entreprenörskap för en levande landsbygd – 15 texter om landsbygdsutveckling*, Kampradstiftelsen, Stockholm

TEIS HANSEN

Couture, T., Busch, H., Hansen, T., Guerra, F., Leidreiter, A., Murdoch, H., Ranalder, L. & Seyboth, K. (2019). Renewables in Cities-2019 Global Status Report. Paris: REN21.

Steen, M., Bach, H., Bjørgum, Ø., Hansen, T., & Kenzhegalieva, A. (2019). Greening the fleet: A technological innovation system (TIS) analysis of hydrogen, battery electric, liquefied biogas, and biodiesel in the maritime sector. Report no. 2019:0093. SINTEF Digital: Trondheim

ÅSA LINDHOLM DAHLSTRAND

Lindholm Dahlstrand, Å., Nilsson, M. & Politis, D. (2019). Entreprenöriellt experimenterande och samverkan i innovationssystem: SMF-effektanalys 2016–2018, VINNOVA RAPPORT VR 2019:03 (in Swedish).

Dahlstrand, Å. L. & Nilsson, M. (2019). Innovation Country Report 2019: High growth enterprises, innovation and productivity challenges, [Sweden], RIO Country Report 2019, The Research and Innovation Observatory (RIO), JRC, European Commission.

ASSIGNMENT IN POLICY BOARDS AND EVALUATION PANELS

ANDERS ANELL

Chairman of the board for the Swedish Agency for Health and Care Services Analysis (Myndigheten för Vård- och omsorgsanalys)

Elected member of the board of directors for Forum for Reforms, Entrepreneurship and Sustainability (FORES)

External expert of an OECD country review of SME and entrepreneurship policy in Ireland

CHARLES EDQUIST

Member of the Swedish National Innovation Council (NIC, Nationella innovationsrådet), chaired by the Prime Minister

Appointed by the Swedish Government as member of the scientific advisory group of the *Swedish Agency for Growth Policy Analysis*

Chairman of jury for the *Global Award for Entrepreneurship Research*

CHRISTIAN BINZ

Elected to steering board of the Sustainability Transitions Research Network (STRN)

PER ERIKSSON

Policy advisor for CTO of Ericsson regarding Swedish Defence Research Agency

Advisor for Igelösa Life Science

DAVIDE CASTELLANI

Member, High-Level Group of Trade Policy Innovation

TEIS HANSEN

Member of the Bioeconomy Advisory Board, Region Skåne

MARTIN ANDERSSON

External expert of an OECD country review of SME and entrepreneurship policy in Vietnam

ÅSA LINDHOLM DAHLSTRAND

External expert for the OECD/EU HEInnovate Review Austria, 2018-2019.

Member of the Expert Group for RIO Country Report 2019, The Research and Innovation

Observatory (RIO), JRC, European Commission, 2019-2020.

Member of the Reference group for the National Incubator Programme, Vinnova, 2019

Member of Scientific Reference Group "Ett utvecklat innovationsstöd vid universitet och högskolor", Dir. 2019:72 Swedish Government, 2019-2020

Member of the Supervisory Board of RUNIN (The Role of Universities in Innovation and Regional

Development) funded from the European Union's Horizon 2020 research and innovation programme under Marie Skłodowska-Curie grant agreement No. 722295, 2017-2020

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

Rapporteur and Expert Evaluator for Horizon 2020, Start Up Europe Initiative, ICT-33-2019: Startup Europe for Growth and Innovation Radar, European Commission, Brussels, 2019

DEBATE ARTICLES

CHARLES EDQUIST

"Köp snabba tågtransporter – inte höghastighetståg" (*Buy rapid train transports – not high speed trains*), *NyTeknik*, with Nordlander, J., Johansson, I. & Edquist, C. June 11, 2019.

"Rätt innovationspolitik kan försvara välfärden" (*The right innovation policy can defend welfare*), *NyTeknik*. January 16, 2019.

TEIS HANSEN

Steen, M., Bach, H., Bjørgum, Ø., **Hansen, T.** & Kenzhegaliyeva, A. (2019). Grønne drivstoff – hva er kunnskapsstatus? [Green fuels-what is the state of knowledge?]. *Skipsrevyen*, September 2019, pp. 52-53.

POLICY WORKSHOPS

ANDERS ANELL

Organised and participated in panel session regarding "Organisation och styrning för att främja innovation" (Organisation and governance to promote innovation) at IHE-FORUM. Event organised by the Swedish Institute for Health Economics (IHE). August 5-6, 2019.

SNS Tylösand Summit (SNS, Centre for Business and Policy Studies) on the subject of "The AI Revolution". August 21, 2019.

Conference in Helsingfors regarding experiences of freedom of choice on part of the patient within the Swedish primary care. January 16, 2019.

Lectured in Umeå regarding future challenges within the health care sector. February 5, 2019.

Participated in EFL's training programme for operations managers within the health care sector. March 8, 2019.

"Is our health care system actually healthy?", lectured at the Lund University School of Economics and Management, March 13, 2019.

Lectured at the Primary Care Committee in Region Skån. March 21, 2019.

Contribution to a blog on the subject of primary care along with with the The Swedish Association of General Practice. May 2, 2019.

Lectured at Multi Helix Medicon Village. June 17, 2019.

BJØRN ASHEIM

Promotion of transformative innovation for S3 – on the potentials of unrelated knowledge combinations. Presentation at Working Group on 'Understanding and Managing Industrial Transitions, Brussels. December 9, 2019.

CHARLES EDQUIST

Functional Public Procurement, Swedish Competition Agency. April 5, 2019.

Holistic Innovation Policy: Theoretical Foundations, Policy Problems and Instrument Choices, Institutet för Näringspolitiska Studier – IFN. May 13, 2019.

Fossil free innovations by means of functional procurement – daring to think in new ways, Fossil Free Sweden Initiative. May 20, 2019.

Innovation policy for sustainability transitions, The Chalmers Initiative for Innovation and Sustainability Transition. October 10, 2019.

CLAUDIO FASSIO

Presented "The Swedish economy and Global Value Chains: the role of international firms' operations and innovative activities", audience VINNOVA and additional academics. March 15, 2019.

Presented "Global firms in the Swedish innovation system", audience VINNOVA, representatives from labour unions, employers' unions, governmental agencies and other academics, Stockholm. September 17, 2019.

DAVIDE CASTELLANI

Discussant on preliminary findings from a study on the "Estimation of FDI Inter-industry Spillovers in the UK" carried out by Investment Promotion and Policy Analysis of the Department of International Trade, London, June 11, 2019.

Invited speaker at an Expert Panel on "The potential of inward investment to enhance productivity, create jobs, boost economic growth, development and prosperity", organized by the Investment Promotion and Policy Analysis of the Department of International Trade, London. March 28, 2019.

KARL-JOHAN LUNDQUIST

Presentation of research results from Re-growth for policy makers for Länsförsäkringarnas forskningsfond and the municipalities of Gnosjö and Gislaved. November 23, 2019.

LEA FÜNFSCILLING

Inter-network Dialogue Workshop Utrecht, Innovation agencies. February 25-26, 2019.

High-level discussion on transformative innovation policy, VINNOVA. May 16, 2019.

EIT Climate-KIC Innovation Ecosystem Workshop Valencia, Climate-KIC. June 17-18, 2019.

Monitoring transformative change in Viable Cities. A co-creation workshop for programme development, Viable Cities Strategic Innovation Program. October 25, 2019.

TIPC annual conference Valencia, Transformative Innovation Policy Consortium. November 4-5, 2019.

MAGNUS NILSSON

Policy workshop on regional development in Gnosjö/Gislaved – challenges and opportunities. November 26, 2019.

MARKUS GRILLITSCH

Regional Utveckling 2019: Keynote to a conference organised by the Swedish Association for Municipalities and Regions, the Swedish Agency for Economic and Regional Growth and the Swedish Office for Statistics, Stockholm. May 10, 2019.

Regiondagarna 2019: Presentation and contribution to a workshop on economic renewal and transformation, Kronoberg. Jan 18, 2019.

TEIS HANSEN

Invited talk on Transformative Innovation Policy, the Danish Ministry of Higher Education and Science, November.

The Danish National Bioeconomy Panel, the Ministry of Environment and Food of Denmark, Copenhagen, Denmark, September, 2019.

Seminar at the European Environment Agency. Copenhagen, Denmark. February, 2019.

ÅSA LINDHOLM DAHLSTRAND

"The acquisition of small technological companies by foreign and Swedish MNEs", Vinnova Workshop, Stockholm. September 17, 2019.

MEDIA EXPOSURE

CHARLES EDQUIST

Interviewed in the journal Dagens Samhälle about how functional procurement can enhance the development of innovations - June 20, 2019.

Interviewed during visit at UAM Madrid on receiving the UAM-Accenture Visiting Fellowship in the area of economics and management of innovation.

<https://www.youtube.com/watch?v=MbuqR5CfC0I&feature=youtu.be>

JOHN KÄLLSTRÖM

Interviewed by Universitetslärares: Inflyttade forskare gör svenska mer produktiva - 21 oktober, 2019.

<https://universitetslararen.se/2019/10/21/inflyttade-forskare-gor-svenska-mer-produktiva/>

Interviewed by University World News: Immigration enhanced academic productivity at Lund – Study, 25 oktober, 2019. <https://www.universityworldnews.com/post.php?story=20191025113015226>