



REPORT
HOUSE OF INNOVATION
2018–2020



HOUSE OF INNOVATION

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INTRODUCTION

This report covers the House of Innovation's (HOI) activities and events from its start in fall 2018 until the end of 2020. In this time period, the House has made great strides in all its three major areas of operation: research, teaching, and outreach/knowledge exchange. As described further below, we have established a research practice with high and increasing productivity and impact, we continue to expand our contributions to SSE in terms of teaching on all program levels, and we have reached thousands of highly qualified professionals and academics in Sweden and internationally with our seminars and conferences. We have expanded our excellent core faculty with more than a handful of international scholars who already successfully publish in high-ranking journals within our main research areas. In 2020, we adapted successfully to the pandemic, providing a series of successful webinars, two major conferences, and other digital events, which attracted sizable international audiences. In the international academic community, the House of Innovation is increasingly recognized and seen as an exciting academic environment for scholars and an attractive research partner. While we are still in an expansion phase, we have established a solid foundation and in the next years, we are confident that we will firmly establish the House as one of the premier research environments in Europe within entrepreneurship, innovation and digitalization.

The development and achievements of HOI have been highly advantageous for the Stockholm School of Economics (SSE). It has strengthened the school's research environment and education and increased its contribution to society through comprehensive knowledge exchange and collaborations. None of this would have been possible without our primary donors' generous contributions: The Erling-Persson Family Foundation, the donors of the Jacob and Marcus Wallenberg Center for Innovative and Sustainable Business Development, and Scania (the Scania Center for Innovation and Operational Excellence). We are most grateful for having been given this opportunity, and strive to fulfill expectations for excellence with enthusiasm, pride, and responsibility.

HOUSE OF INNOVATION – THE PLATFORM

HOI is an interdisciplinary research, education, and outreach environment focused on innovation, digitalization, and entrepreneurship. The core of HOI is the academic unit called the **Department of Entrepreneurship, Innovation and Technology** (DEIT). Complementing this department at the heart of HOI's operations are our research centers:

- **The Jacob and Marcus Wallenberg Center for Innovative and Sustainable Business Development** (instituted in 2017 and becoming part of the House of Innovation in 2018), focusing on how companies can thrive long-term and create sustainable growth through innovations, product improvements, and sustainable investments.
- **The Scania Research Center for Innovation and Operational Excellence**, innovative product development and operations, as well as new business models for the future of transportation ecosystems, together with one of the major players in the transportation industry.
- **The Garden – Center for Design and Leadership**, a center focusing on the intersection of design and leadership challenges, aiming to forge the next generation of leaders who search for new directions to achieve a meaningful and sustainable future.
- **Center for Data Analytics** (joining HOI in 2020), providing applied, theoretical and simulation-based research in statistics, econometrics, and data science with a Business Administration, Economics, and Finance focus.

In addition, we incorporate two additional research centers/platforms serving as a basis for collaborating with other centers or institutions:

- **The MISUM Platform: Sustainable Business Development through Entrepreneurship and Innovation: Business transitions for the benefit of society**, established in 2020. The platform entails a pragmatic urge to consider how entrepreneurship and innovation can work to support business – both commercial and social – but also their communities, and how to engage market actors with non-market actors to collectively contribute knowledge, experience and resources to provide solutions for sustainable business development.
- **The Swedish Center for Digital Innovation, Stockholm (SCDI Sthlm)**, serving as our node in a national research center in collaboration with the University of Gothenburg and Umeå University, with a total of 50 scholars researching digital innovation and transformation.



At HOI, we believe that close collaborations breed interdisciplinary opportunities. To name a few, we maintain fruitful research collaborations with:

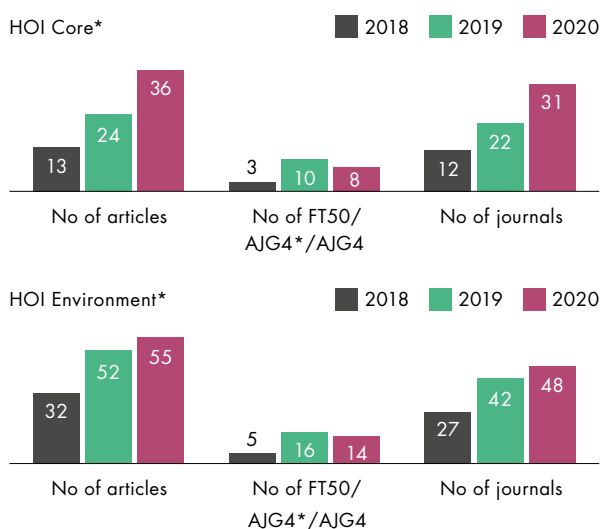
- Cambridge Digital Innovation – a knowledge hub that aims to develop and exchange knowledge on the digital revolution
- AI Sweden – the Swedish National Center for applied Artificial Intelligence
- Drive Sweden– a Strategic Innovation Program that drives the development towards sustainable mobility solutions for people and goods

Further, we work hard to disseminate the knowledge we create. We are active on all levels of education, from undergrad to Ph.D. and Executive Education, and we hold the primary responsibility for delivering the Master Program in Business and Management. We have developed an extensive collaboration with SSE Business Lab (SSE BL) and the Stockholm School of Entrepreneurship (SSES), which we will continue to expand. An example of the work with SSES is providing interdisciplinary entrepreneurship courses to students, both within and outside of SSE. The House of Innovation has a strong presence on the boards of both SSE BL and SSES. Additionally, we have a dedicated Outreach Team that works with outreach activities such as conferences, seminars, and workshops.

HOUSE OF INNOVATION RESEARCH OUTPUT

With pride, we can state that the researchers tied to HOI are very active and successful in publishing their work. HOI is publishing more than we have before, with greater citation impact (2x the field's average), in a broader range of journals. We have published 139 articles in 117 different journals during these past years, with 35 of them in the highest-ranked journals (FT50, AJG4*, and AJG4). Overall, we benchmark extremely well against several top European research environments in terms of productivity, impact and

international collaborations, according to an analysis conducted by the SSE library. Also, HOI researchers have produced several book chapters and contributed to the international scientific community through review work and editorial assignments in Journals. Currently, HOI researchers are represented in 17 Editorial Boards across our main research areas. To further promote our researchers to produce high-quality research, HOI has implemented a Publication Incentive Program. To reach out to a broader audience, we fund Open Access for articles, opening them up to free availability, and we also produce so-called "Explainer videos," which summarize scientific articles for non-academic target groups. (Videos available on the HOI web page under outreach/videos or the YouTube-channel of Stockholm School of Economics.)



*HOI Core means faculty and researchers with SSE as primary affiliation, and HOI Environment encompasses core as well as affiliated researchers and fellows.

N.B. Publication counts reflect HOI's database populated from Google Scholar, Scopus, and Web of Science. Figures are subject to corrections due to improved reporting.



RESEARCH NETWORK BUILDING

We have hosted several visiting researchers, including Distinguished Visiting Professor Michael Barrett (Cambridge University), who has participated in several of our research workshops together with Professor Eivor Oborn (Warwick University) and also held a doctoral course in 2019 and again in 2020.

A successful collaboration with Professor Alexander Ljungqvist, holder of the Stefan Persson Family Chair in Entrepreneurial Finance at the Swedish House of Finance, has resulted in the Erling Persson Distinguished Visiting Professorship Program. In this program, we invite eminent Professors from top universities worldwide to visit and collaborate. In 2020, David T. Robinson from Duke University came to SSE as the first visiting Professor participating in the program. In 2021 and 2022, we plan to host at least five prominent visiting professors. On-site visits were postponed in 2020 due to the Covid-19 pandemic.

Since the start of 2018, HOI has organized 27 Research Seminars with researchers from national and international Universities (see the complete list in Appendix: Research Seminars House of Innovation 2018–2020). Researchers at HOI have also presented at 29 “Brownbag Seminars,” where our researchers present and discuss their ideas for research papers, grant applications, or ongoing research projects.

We have organized several workshops at HOI. One was the Gathering of Swedish Scholars in Entrepreneurship in June 2019, where 22 international researchers with Swedish connections gathered for two days (more information available in Appendix: Seminar Program



House of Innovation 2018–2020 or the HOI webpage). The workshop’s success led to the development of a recurring event, supported by HOI, across several Universities in Sweden. We will continue to alternate in hosting this event, while also nurturing a broader ownership of this national community-building effort.

Our researchers have also been successful in building European research collaborations, including two major efforts funded through the EU Horizon 2020 program:

- TARGETED-MPI (Project Title: Transparent And Resilient Gender Equality Through Integrated Monitoring Planning And Implementation), where Professor Sarah Jack is the project leader at HOI. Other countries participating, apart from Sweden, are the UK, Greece, Belgium, and Lebanon.
- PERISCOPE (Pan-European Response to the ImpactS of COVID-19 and future Pandemics and Epidemics), with Professor Roberto Verganti and Professor Mattia Bianchi leading HOI’s participation. This project builds on a consortium of 32 schools in Europe, with Politecnico di Milano as the main organizer.

HOI and its researchers are involved in many collaborations and networks, including Cambridge Digital Innovation, the Swedish Center for Digital Innovation, AI Innovation of Sweden, Forum för omställning (Future Work Forum), Entreprenörskapsforum, and established collaborations with Berkeley University. We intend to expand our network to exchange valuable insights and extend our research's further societal impact.

EDUCATION

The House of Innovation's academic backbone, the Department of Entrepreneurship, Innovation, and Technology, organizes and leads The Master Program in Business & Management (MBM). The class of 2020 consisted of 90 students with 24 different nationalities, a significant increase from 71 students the previous year. Under the direction of the Program Director, Scania Associate Professor Martin Sköld, the program has been revamped, with a distinct focus on business development and strong collaboration with corporate partners. These partnerships generate real-life business cases and project experiences for students.

In 2019, the MBM students traveled together on a short international trip. While we intended to expand this program element to a recurring and more comprehensive study trip with company visits, due to the extensive restructuring of the program and the pandemic, this was not possible during 2020.

HOI has conducted and supported several Hackathons during this period. Three were organized for the MBM students, two (2019+2020) in the course "Innovation and Business Renewal" with 47+69 participants, and one in the course Leadership and Innovation with 22 participants. These were realized in a digital format due to the pandemic. (See below for more info on SSE BL Hackathon.)

HOI's faculty members have taught courses on all levels: Bachelor, Master, Ph.D., and Executive Education. The number of courses increased significantly when the Center for Data Analytics (CDA), with strong educational focus, became part of HOI in 2020. We are constantly working on improving existing courses, as well as expanding and developing the courses offered. These new courses were added to the course offerings in 2019 and 2020:

- Innovation (BSc level, mandatory core course)
- Leadership and Innovation (MSc level)
- Design Thinking (MSc level)
- Family Business (MSc level)
- Social Innovation and Social Entrepreneurship (MSc level)
- Measuring Innovation Impact, Experimental design for Managers (MSc level)
- Practice Process Writing workshop (PhD level)
- Frontiers in Digital Innovation (PhD level)

- Practice Process Innovation Workshop (PhD level)
- Current Topics in Digital Transformation (CEMS course, MSc level)

There are further plans to extend the courses offered, for instance, in collaboration with the Stockholm School of Entrepreneurship. Most imminent is a range of new PhD courses in entrepreneurship. The Bachelor Program in Business and Economics at SSE has also been revamped, leading to HOI teaching a new mandatory course (Innovation, above) and 3-4 additional courses offered either as electives or as a specialization starting 2022.

OUTREACH AND KNOWLEDGE EXCHANGE

Over the past 2.5 years, HOI has organized 32 external events for practitioners, with a total of 3,609 participants from various world-leading organizations in their respective industries. Also, HOI was part of the national Hack the Crisis Sweden, with about 7,000 participants.

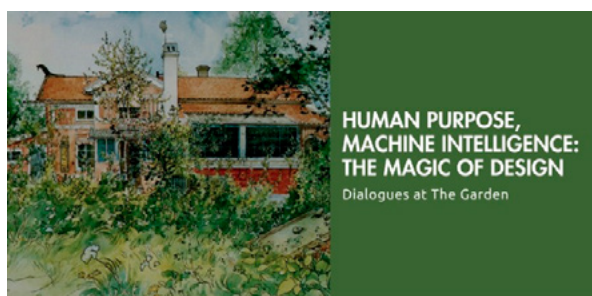
One of our first major, successful events was the 2018 Work in the Future conference, jointly organized by The Jacob and Marcus Wallenberg Center for Innovative and Sustainable Business Development and the Wallenberg Foundations. The conference was an exclusive full day of engaging conversations with business executives, distinguished scholars, thought leaders, and policy-makers, all discussing the question of how to manage the rapid change driven by AI, digitalization, and new business models.



On October 2nd, 2020, HOI conducted the full-day conference "From Connectivity to Connectedness: building smart, sustainable and prosperous environments through digital innovation" as part of the national platform "Digital@ldag". We had 21 speakers and six moderators during the conference, attracting over 700 participants worldwide for discussions around digital innovation – what it means, its opportunities, and challenges (the conference is available on the [SSE YouTube Channel](#).)

Another successful event was "Dialogues in the Garden", by the Center for Design and Leadership. It is intended to be an annually recurring event. The topic for 2020 was "Human Purpose, Machine Intelligence: The Magic of Design."

The digital event engaged researchers, students, and business representatives as speakers and concluded with a dialogue between Professor Mattia Bianchi and Michael Treschow. In 2020, the House of Innovation assumed responsibility for the Michael Treschow Scholarship,



which was awarded to Oliver Weglinski at the event. Oliver has a background in Industrial Design, currently exploring Interaction Design at the Umeå Institute of Design. The scholarship's ambition is to motivate creative design students to pursue higher education beyond bachelor studies, and the recipient is awarded 100 000 SEK. The scholarship was introduced in 2003 and has been awarded 15 times to brilliant designers who continued their studies at master's level.

The House is also home to the Social Innovation Scholarship, which enables two SSE students to pursue opportunities within social entrepreneurship and social innovation. This scholarship is sponsored by the Jacob & Marcus Wallenberg Center for Innovative and Sustainable Business Development.

We work systematically with sharing our research insights, as well as information about our outreach activities, through social media, and are present on Facebook, LinkedIn and Twitter.

In summary we continuously work to spread information and knowledge about HOI and our activities in a range of channels. The complete outreach program can be seen on the HOI webpage, and an overview is available in Appendix: Seminar Program House of Innovation 2018–2020.

COLLABORATION BETWEEN HOUSE OF INNOVATION, STOCKHOLM SCHOOL OF ENTREPRENEURSHIP, AND SSE BUSINESS LAB

HOI has from the start collaborated with both the SSE Business Lab (SSE BL) and Stockholm School of Entrepreneurship (SSES). HOI now holds primary responsibility within SSE for supporting the SSE Business Lab. Together with SSE BL we implemented the "Scholar in Residence" initiative in 2019, where one of our researchers relocates to the Business Lab part-time for an extended period. During 2020 this activity was put on hold, but as conditions allow for working on-site again, we will resume this initiative.

SSE BL organizes a yearly Hackathon that HOI supports in different ways. These Hackathons aim to support students in building an entrepreneurial foundation, with three outcomes:

1. educating the students in the importance of diversity in start-up teams,
2. equipping students with the skill- and mindset of building something from scratch and presenting within a few hours (lean methodology/hackathon structure), and,
3. being a lead generator for the incubator and accelerator programs.

Since the start, the House of Innovation has also maintained a close relationship with the Stockholm School of Entrepreneurship (SSES) and has the primary responsibility for SSE's course delivery within the SSES collaboration. We collaborate on new courses, recently with a particular focus on development of PhD courses. In 2018, SSES and its member schools were jointly recognized by the Global Consortium of Entrepreneurship Centers as a global role model for its outstanding contributions to venture creation through education. In 2019, HOI co-hosted the world's largest gathering of entrepreneurship centers with SSES in Stockholm. The Director of SSES, Rasmus Rahm, was the first PhD graduate from HOI and is now a part time postdoctoral fellow at HOI.

Professors at HOI also have an active presence on the boards of SSES and SSE BL and the Advisory and Admissions Boards for SSE BL. The closer dialogue and collaboration between SSES, SSE BL, and HOI have accelerates development of each unit and enables us to identify gaps and overlaps in order to cohesively and effectively support entrepreneurial activities.

FINANCIALS

As previously mentioned, the generous donations we have received enable us to develop an excellent academic environment with very high ambitions. In addition, our researchers remain active in attracting external funding for specific research projects and tasks. We have ongoing projects with funders such as Vinnova, STINT, the Handelsbanken Research Foundations, the Wallenberg Foundations, the Kamprad Foundation, and the EU Horizon 2020 Framework Program. Overall, the House of Innovation remains on budget while delivering on pledges and commitments.

OUTREACH AND KNOWLEDGE EXCHANGE	2018–2019 (18 MOS)	2020	COMMENT
Academic seminars + conferences (number)	18	12	Same frequency in pandemic
Academic seminars + conferences (attendants, not unique)	790 (500 in GCEC/SSES)	373	Increased number of participants, excluding GCEC
Industry seminars + conferences (number)	15	17	Distinct increase
Industry seminars + conferences (attendants, not unique)	1 002	9 607 (7000 Hack t.Crisis)	More than 700 participants at Digital@ldag conf 2020



OUR PEOPLE

At House of Innovation, we strive to create a learning environment led by researchers who are among the most driven in their fields.

Magnus Mähring is the Erling Persson Professor of Entrepreneurship and Digital Innovation at SSE and the Chair of HOI. Professor Mähring has extensive academic and professional experience with various commitments, such as being SSE's representative on the CEMS Executive Board, a Fellow at Cambridge University and serving on the Swedish government's Expert Committee for Digital Investments.

Sarah Jack is the Jacob and Marcus Wallenberg Professor of Innovative and Sustainable Business Development and Director for the Jacob and Marcus Wallenberg Center for Innovative and Sustainable Business Development. Sarah's primary interests relate to entrepreneurship's social aspects, and her research-outputs are published in highly rated international journals. In 2020 she was also appointed to lead the new MISUM Platform for Sustainable Business Development.

Mattia Bianchi was promoted from Associate Professor to Professor of Business Administration. Professor Bianchi's primary research and teaching areas include Open Innovation, Design Thinking, and Lean Management. Professor Bianchi also serves as co-director of the newly formed research center, The Garden – Center for Design and Leadership, alongside Professor Roberto Verganti.

Roberto Verganti, Professor of Leadership and Innovation, is also a faculty member at the Harvard Business School, where he teaches Integrated Design. His research focuses on utilizing the design process to create meaningful innovations.

Martin Sköld was promoted to Scania Associate Professor. Associate Professor Sköld is the Director for the Scania Center for Innovation and Operational Excellence and Program Director for the Master program in Business & Management.

HOI has further recruited several additional scholars since 2018. These include:

Professor *Mattias Nordqvist* joined the House of Innovation from the Jönköping International Business School. Professor Nordqvist's research focuses on New Ventures, Family Business, and Entrepreneurship and Management. He is a highly appreciated supervisor and teacher.

Assistant Professor *Mark A. Conley*, with a PhD from Columbia University, studies how motivation impact organizational and entrepreneurial outcomes.

With a PhD from the University of Groningen, Assistant Professor *Holmer Kok* researches knowledge combination and teaches strategy, innovation, and operations management as well as supervising theses.

Assistant Professor *Kathrin Reinsberger*, holding a PhD from the University of Graz, does research at the intersection of innovation, technology, and strategy.

Assistant Professor *Roxana Turturea*, with a PhD from Rotterdam School of Management, has a primary research interest in entrepreneurial finance and corporate governance.

Since the start of HOI, two PhD candidates have defended their dissertations – Rasmus Rahm (with a study of effects of entrepreneurship education) and Maria Booth (with a study of organizational routine dynamics). Postdoctoral fellows during the period include Lotta Hultin (Wallander Scholar), Sebastian Krakowski (Wallander scholar), and Margo Enthoven.

Further, we direct extra effort towards increasing SSE's involvement in EU collaborations and grant applications. We therefore hired an experienced Project Leader, PhD Jelena Angelis, on part-time basis. Jelena is already engaged in the two EU Horizon 2020 projects at HOI, and she supports further expansion of our national and international research collaborations.

FACILITIES

As part of the Erling-Persson Family Foundation's generous donation, HOI renovated its premises in 2019-2020, introducing several new features, such as new hot-desk areas for PhD students and affiliated research fellows, and sound-proof meeting boxes. We also added a co-working space to function as the heart of our house, giving researchers the opportunity to have spontaneous discussions and conversations. This space also serves as a locale for seminars and workshops. We have placed much focus on the opportunity for dialogue without disturbing the surrounding workplace. In addition, a new video conferencing and PhD seminar room enables virtual participation in courses with other Universities and engagement with guest lecturers from a distance.

AWARDS AND ACHIEVEMENTS

HOI has attracted much attention both nationally and internationally. Our researchers have received many awards and have undertaken several meaningful engagements. A few examples of these are:

- Assistant Professor Mark Conley won the Academy of Management Journal's best paper award, the first time this was awarded to a researcher from a Nordic University.
- Assistant Professor Holmer Kok was the finalist of Technology and Innovation Management Division Best Dissertation Award, Academy of Management, and won the prestigious EBS SITE "Innovation Management" Best Paper Award.
- Professor Magnus Mähring was co-chair for the IFIP WG8.2 Working Conference in San Francisco with the theme "Living with Monsters?" focusing on AI in organizations.
- Professor Sarah Jack is on a five-year leadership track for the Entrepreneurship Division, Academy of Management, which is the largest division within the Academy of Management and the most prestigious association globally for entrepreneurship researchers.
- Sarah Jack was also appointed to lead the platform Sustainable Business Development through Entrepreneurship and Innovation within MISUM (the MISTRA Center for Sustainable Markets).
- The Behavioral Strategy Interest Group awarded Postdoctoral Fellow Sebastian Krakowski the Best Conference Proposal Award at the Strategic Management Society 39th Annual Conference.
- Johan Båge was appointed BSc Teacher of the Year at SSE in 2019.
- Professor Mattia Bianchi was appointed MSc Teacher of the Year at SSE 2018.
- Mattia Bianchi was also awarded the ASFOR Award 2019 for Best Under 40 Italian Professor.
- Assistant Professor Ciara Sutton won the Corporate Pedagogy Award 2020 for her achievements within research and pedagogy.
- Assistant Professor Erik Wetter was appointed to sit in the "Program Committee of the United Nations World Data Forum on Sustainable Development Data."
- Affiliated Research Fellow Anna Söderblom was elected as a Fellow in the Royal Swedish Academy of Engineering Sciences (IVA).

HOUSE OF INNOVATION – ONWARDS AND UPWARDS

We have much to report on from these first years of the House of Innovation. Our donors' support is crucial in allowing the Stockholm School of Economics to push knowledge development and dissemination forward within the areas of innovation, entrepreneurship and digitalization with high ambition. After an intense start-up phase, we now have a solid base to continue our work. In the next stage, we will consolidate our position, continue to pursue international recruitment, and extend the collaborations with external research institutes, businesses, and other organizations on a national and international level. In terms of knowledge exchange and dialogue with academia, companies, and society, we will continue with the high ambition we have delivered so far.

As our platform expands, we are pleased to see that the House of Innovation is becoming a hub for collaboration within innovation, digitalization and entrepreneurship, both nationally and internationally. We look forward to seeing what challenges and opportunities lay ahead and believe that our ambition will deliver value on all levels and to different stakeholders.



Magnus Mähring

Erling Persson Professor of Entrepreneurship and Digital Innovation

Chair, House of Innovation and Department of Entrepreneurship, Innovation and technology



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Appendix:

THE ERLING-PERSSON FAMILY FOUNDATION

This appendix is specifically for the Erling-Persson Family Foundation and is intended to summarize events and activities tied to the generous donation received for the House of Innovation. The main report provides the broad overview, while this appendix offers additional detail and highlights a few specific items. The financial report and budget follow-up are also included.

SPECIAL EVENTS AND ACTIVITIES

- During the reporting period, the following faculty members have been fully or partly funded by the grant from the Erling-Persson Family Foundation:
 - *Magnus Mähring*, Erling Persson Professor of Entrepreneurship and Digital Innovation at SSE and the Chair of House of Innovation and the Department of Entrepreneurship, Innovation and Technology.
 - *Mattia Bianchi*, promoted to full Professor of Business Administration during this period.
 - Professor *Mattias Nordqvist*, recruited from Jönköping International Business School.
 - Assistant Professor *Holmer Kok* (PhD University of Groningen).
 - Assistant Professor *Mark A. Conley* (PhD Columbia University).
 - Assistant Professor *Roxana Turturea* (PhD Rotterdam School of Management).
 - Assistant Professor *Kathrin Reinsberger* (PhD University of Graz).
- HOI has a dedicated outreach team working with conferences, seminars, workshops, social media, etc. We deliver seminars aimed at researchers and industry professionals, in collaboration with SSES and other actors such as the MISUM platform and Entreprenörskapsforum.
- We have maintained and further developed our close relationships with the Stockholm School of Entrepreneurship (SSES) and the Stockholm School of Economics Business Lab (SSE BL) by having a strong presence in both boards. For example we have also started the "Scholar in Residence" position at SSE BL, and have developed several new courses given at SSES.
- HOI has conducted and supported several Hackathons during this period. Three were organized for the MBM students, and HOI also support the yearly Hackathons that SSE Business Lab organizes. These Hackathons aim to support students in building an entrepreneurial foundation and skillset.
- During 2020 the Master Program of Business & Management underwent a substantive makeover, and now has a distinct focus on business development and strong collaborations with corporate partners. Plans to incorporate an international student trip are well on the way, but due to the pandemic this has not yet been feasible.
- Between 2019 and 2020, HOI renovated its premises to introduce new features, including "hot-desk areas" for PhD students and affiliated research fellows, sound-proofed "meeting boxes" and a vibrant "co-working space" to function as the heart of our house. In all our renovations we have focused on promoting dialogue, without disturbing the surrounding workplace.

SELECTED RESEARCH PUBLICATIONS

- Aguilera, R., Duran, P., Heugens, P. P. M. A. R., Sauerwald, S., Turtorea, R., & VanEssen, M. (2021). State Ownership, Political Ideology, and Firm Performance Around the World. *Journal of World Business*, 56(1), 101113. <https://doi.org/10.1016/j.jwb.2020.101113>
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- Essén, A., & Värlander, S. W. (2019). How Technology-Afforded Practices at the Micro-Level can Generate Change at the Field Level: Theorizing the Recursive Mechanism Actualized in Swedish Rheumatology 2000–2014. *MIS Quarterly*, 43(4): 1155–1176. <https://doi.org/10.25300/MISQ/2019/12164>
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Appendix: THE JACOB AND MARCUS WALLENBERG CENTER FOR INNOVATIVE AND SUSTAINABLE BUSINESS DEVELOPMENT

This appendix is for the Jacob and Marcus Wallenberg Center for Innovative and Sustainable Business Development and is intended to report events and activities specific for the center. The main report for the House of Innovation covers most events (and in more detail); here we highlight a few items specific for the Center, and provide the center's financial report.

SPECIAL EVENTS AND ACTIVITIES

- In 2018 we co-hosted one of our first major events, the "Work in the Future" conference, jointly organized by The Jacob and Marcus Wallenberg Center for Innovative and Sustainable Business Development and the Wallenberg Foundations. The conference was an exclusive full day of engaging conversations with business executives, distinguished scholars, thought leaders, and policymakers - all discussing the question of how to manage the rapid change driven by AI, digitalization, and new business models.
- Sarah Jack, the Jacob and Marcus Wallenberg Professor of Innovative and Sustainable Business Development, and Director of the Center, is currently on a five-year leadership track for the Entrepreneurship Division, Academy of Management, which is the largest division within the Academy of Management and the most prestigious association globally for entrepreneurship researchers.
- In 2020, Sarah Jack was appointed to lead the platform Sustainable Business Development through Entrepreneurship and Innovation within SSE's MISUM research center. The platform entails a pragmatic urge to consider how entrepreneurship and

innovation can work to support business – both commercial and social – but also their communities, and how to engage market actors with non-market actors to collectively contribute knowledge, experience, and resources to provide solutions for sustainable business development.

- In late 2020, HOI hosted a major digital conference, "From Connectivity to Connectedness" in collaboration with the Wallenberg Foundations and Digital@ldag.
- Project Targeted-MPI (Transparent And Resilient Gender Equality Through Integrated Monitoring Planning and Implementation) focuses on initiating and supporting institutional changes through the development and implementation of Gender Equality Plans in Business and Management schools to drive more inclusive, sustainable and transparent academic cultures.
- Professor Sarah Jack is also heading the project "Public Procurement of Functions - A Stepping Stone Towards a More Sustainable Future", financed by the Marianne and Marcus Wallenberg Foundation. The project is conducted together with researchers from Linköping University, and aims to investigate and explain how to design innovative, competitive and sustainable public procurement models that can address society's climate, resource and environmental challenges.
- Between 2018 and 2020 JMW funders including Investor AB, Atlas Copco, SEB and FAM have participated at least 97 times in HOI conferences and events.

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Appendix: THE SCANIA CENTER FOR INNOVATION AND OPERATIONAL EXCELLENCE

This appendix is for the Scania Center for Innovation and Operational Excellence and is meant to report specific events and activities tied to the generous donation for the center to the House of Innovation. The main report of course covers most events, but here we would like to highlight a few special items. Here you will also find the financial report and follow-up on the budget.

SPECIAL EVENTS AND ACTIVITIES

- Martin Sköld was promoted to Scania Associate Professor at HOI during 2020.
- During the past year, the MBM program (Master of Science in Business & Management) has undergone major changes, and now has a more pronounced focus on business development. In addition, each course has a clear practical element where theories and models are implemented live in companies.
- The MBM-program has also grown in number of students from 70 to 90 and is, after the MSc in Finance, SSE's largest Master program.
- Scania is engaged and exposed in various ways in teaching and research at SSE (BSc, MSc, ExEd and PhD programs). In the MBM-program (MSc), Scania has a particularly prominent and unique position.
- At the start of the program, Scania initiates a large live project that the students work on for a week and then present to managers and employees within Scania. Most recently, about 130 people participated in these much-appreciated presentations.
- In addition to this, several students have written their theses on Scania, Scania has held internships in various units including Scania's strategy department, and even had students work together with CEO Henrik Henriksson in a special project.
- Martin has given about 30 external lectures at companies and for various company managements about his book *Modularization*, which is an interpretation of Scania's historical success. In this context, a special mention can be made of an initiative aimed at companies in the Gnosjö region (spring 2020). This gathered around 150 participants, and one happening was that local restaurants could choose to sponsor free lunches for healthcare-professionals within Covid-19 care. In addition to this, Martin gives regular lectures for SSE Executive education.
- In terms of research, there is a pipeline of articles for journals and conferences together with PhD candidates at the House of Innovation.
- Between 2018 and 2020 Scania employees participated at least 79 times in HOI conferences and events.

SELECTED RESEARCH PUBLICATIONS

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MEDIA APPEARANCES

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<https://www.hhs.se/en/research/research-houses/house-of-innovation/outreach/hoi-in-the-media/volvo-ska-bygga-elmotorer-i-skovde/>

<https://www.hhs.se/en/research/research-houses/house-of-innovation/outreach/hoi-in-the-media/bilvarlden-laddar-om-infor-2021/>

<https://www.hhs.se/en/research/research-houses/house-of-innovation/outreach/hoi-in-the-media/teslas-rekordvardering-orimlig-for-biltillverkare/>

<https://www.hhs.se/en/research/research-houses/house-of-innovation/outreach/hoi-in-the-media/en-titt-i-kristallkulan-framtiden-for-bilen/>

<https://www.hhs.se/en/research/research-houses/house-of-innovation/outreach/hoi-in-the-media/teslautmanare-rusar-efter-borsnoteringen/>

Appendix: SEMINAR PROGRAM

HOUSE OF INNOVATION 2018–2020

4 MAY 2018

CORPORATE INNOVATION

The theme of the roundtable was Corporate Innovation, featuring opening remarks by Professor Sarah Jack, SSE, as well as a presentation by invited guest Professor Solomon Darwin from the University of California, Berkeley. Lots of engagements from the participants made this a great knowledge exchange event, as a part of the outreach program of the Jacob and Marcus Wallenberg Center for Sustainable and Innovative Business Development.

4 SEPTEMBER 2018

BREAKFAST ROUNDTABLE ON ORGANIZING AND SCALING DIGITAL TRANSFORMATION

On September 4th, 2018, the Jacob and Marcus Wallenberg Centre for Innovative and Sustainable Business Development at the House of Innovation arranged a breakfast roundtable on organizing and scaling digital transformation.



4 OCTOBER 2018



WORK IN THE FUTURE CONFERENCE 2018

On October 4th, 2018, The Jacob and Marcus Wallenberg Centre for Innovative and Sustainable Business Development jointly with House of Innovation and the Wallenberg Foundations arranged a conference on the theme of Work in the Future.

Organizations worldwide are facing a period of expansive and rapid change driven by Artificial Intelligence (AI), digitalization and new business models. These changes transform industries and the nature of work, posing considerable opportunities and challenges for individuals, organizations and society. How do we manage this transition, and find ways to empower people through this process?

11–12 DECEMBER 2018

'LIVING WITH MONSTERS?' – WORKING CONFERENCE IN SAN FRANCISCO

Professor Magnus Mähring at the House of Innovation chaired, together with fellow international scholars, the IFIP WG 8.2 Working Conference which was held at San Francisco State University on 11–12 December, 2018.

The theme of the conference was "Living with Monsters". Our evolving digital worlds generate both hope and fears.



9 APRIL 2019

INCLUDING DIVERSITY AND SUSTAINABILITY IN INVESTMENT

SSE Business Lab has recently added two new criteria in the selection process for the incubator: diversity in the team and sustainability of the product or service. On April 9th 2019, MISUM, House of Innovation and SSE Business Lab jointly invited to a lunch seminar to discuss why this is important and how to implement it. This seminar was targeted at private and public investors as well as incubators, accelerators and other resource providers for start-ups – and anyone else interested.



3 MAY 2019

DO WE REALLY NEED DATA SCIENTISTS?

On May 3rd 2019, House of Innovation arranged a Breakfast Meeting on the needs of data scientists in incumbent firms as well as start-ups.

There is a lot of buzz around data science and AI, and 'data scientist' has been mentioned as 'the sexiest job of the 21st century'. The problem is that there is still little agreed on the definition of what data science actually means for business, and more importantly, what skills are needed to be a data scientist.

9 MAY 2019



HOW SHE DID IT, AND HOW YOU CAN BE THE NEXT ENTREPRENEUR SUCCESS STORY

House of Innovation jointly with SSE Business Lab, SSE Center for Advanced Studies in Leadership and Nätverket 17, arranged a seminar on May 9th 2019, with focus on female entrepreneurs and how they managed to build and scale large businesses.

24 MAY 2019

BREAKFAST ROUNDTABLE ON ACCELERATING KNOWLEDGE INTEGRATION

How do organizations manage the paradox of strategic partnerships? This was the topic of a Breakfast Roundtable session held on May 24th 2019, a forum for House of Innovation partners and selected SSE partners.



18-19 JUNE 2019

GATHERING OF SWEDISH SCHOLARS IN ENTREPRENEURSHIP

This “campfire” event welcomed distinguished entrepreneurship scholars with a connection to Sweden, to come together and celebrate Sweden’s success in entrepreneurial scholarship while looking at how we can continue to contribute to entrepreneurship research in the future.



18 JUNE 2019



SEMINARIUM WITH THE ESTER FOUNDATION

How can public procurement promote innovation, entrepreneurship and sustainable development?

The seminar was held in Swedish.

1 OCTOBER 2019

TRANSFORMATION THROUGH DESIGN – THE QUEST FOR MEANING IN BUSINESS INNOVATION

Design is changing. What is the future of design practices? We gathered the design community for keynotes and workshop at

Transformation Through Design – The Quest for Meaning in Business Innovation. An event at the interplay of design and business, organized by the House of Innovation.

29 OCTOBER 2019

INTEGRATING X

Welcome to a House of Innovation Breakfast Roundtable arranged exclusively for the supporters of House of Innovation and selected SSE partners.

The theme of the roundtable session is Integrating X: How to leverage innovation accelerators in mature organizations.

31 OCTOBER 2019

PITCHING LIKE A PRO

Joint venture with Venture Cup.

18 NOVEMBER 2019

ENTREPRENEURSHIP ECOSYSTEMS – OLD WINE IN NEW BOTTLES?

The variety of actors, networks and available resources behind economic and social development in society is sometimes referred to as the Ecosystem of Entrepreneurship. What is this phenomenon?



22 NOVEMBER 2019



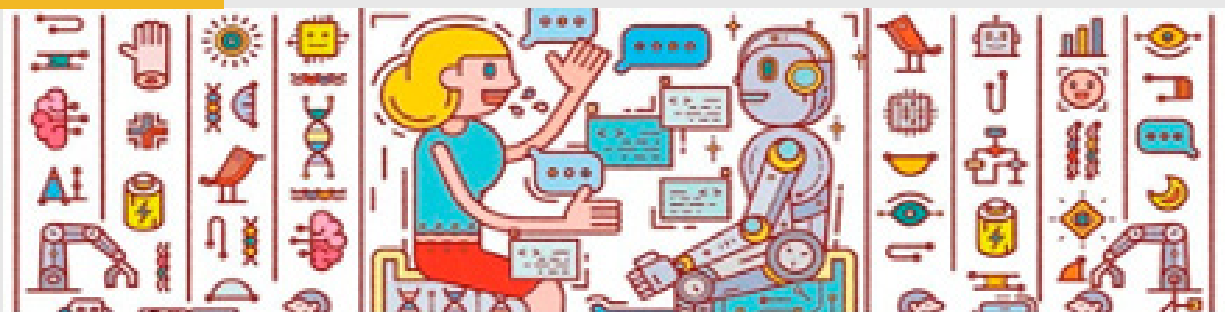
AI AND THE FUTURE OF WORK

Historically, technological revolutions have repeatedly transformed society, often in unexpected ways. Society as we know it today, with radically improved health, wealth and life expectancy in most parts of the world is increasingly shaped by the development and use of digital technologies. However, prior technological revolutions have led not only to the reshaping of work, of societal structures and of norms, but also to social unrest.

Digital technologies in general, and artificial intelligence in particular, can promise a future of ubiquitously available, efficient and attentive societal and commercial services, but they are also identified as a potential major force in societal transformation, and social upheaval, in our near future.

This event presented keynote speakers Professor Amy Loufii and Director Carl Benedikt Frey, along side a panel consisting of Caroline Berg, Chair Axel Johnsson AB, Jacob Wallenberg, Chair Investor AB, Caroline Söder, CEO Trygghetsfonden TSL, Åsa Zetterberg, Förbundsdirektör IT&Telekomföretagen

27 NOVEMBER 2019



THE HUMAN AND THE MACHINE – WHAT TO EXPECT FROM AI IN THE YEARS TO COME

A panel discussion on what role we can expect artificial intelligence to play in organizations in the future was held on Nov 27. The topics discussed were, among others; human- AI interaction, opportunities and risks of AI and critical ethical considerations. The panel was moderated by Sebastian Krakowski of SSE and consisted of:

Ida Bohman Steenberg (Tieto), Olof Hernell (EQT), Ann-Marie Ovin (Vinge), Scarlett Roa Brynildsen (Svenska Spel), Patrick Couch (IBM).

18 FEBRUARY 2020

INNOVATION IN THE '20S – LEADERSHIP IS THE CHALLENGE AND DESIGN MIGHT BE THE SOLUTION

The breakfast round-table took a leadership perspective to innovation in today's turbulent times and discussed the contributions that a design-driven approach can give to leadership, featuring Roberto Verganti and Mattia Bianchi, Professors at the House of Innovation and co-founders of The Garden – Center for Design and Leadership.



3-6 APRIL 2020



HACK THE CRISIS

How can we save lives, communities and businesses during one of the biggest crises of our lifetime? The Stockholm School of Economics partnered with Hack the Crisis, a digital Hackathon with the mission to design, test and execute concrete ideas to address the challenges with the COVID-19 pandemic.

The initiative was organized by the Swedish Government, the Swedish Agency for Digital Government (DIGG), Hack for Sweden and Openhack. During the Hackathon, innovators from the public and private sectors, academia, non-profit organizations and citizens got together to find digital solutions that could be used rapidly by different authorities in Sweden.

22 APRIL 2020



BUSINESS IN THE NEW NORMAL

In this webinar Roberto Verganti, Professor of Leadership and Innovation at the Stockholm School of Economics, addressed the following questions:

- How to redesign our products and services, and how to create new markets for the New Normal?
- Which changes in demand can we expect?
- Which design rules should we apply?
- How can Artificial Intelligence help?

We discussed how any business leader can help to make the New Normal a world not on the verge of anxiety, but rather a world where safety comes without compromise on meaning, beauty, and freedom.

29 APRIL 2020

FINANCING OF MICRO - AND SMALL BUSINESSES IN SWEDEN AFTER THE COVID-19 PANDEMIC

SSE Institute for Research (SIR), House of Innovation (HOI) in collaboration with the Ester Foundation and Marginalen bank invites to a digital panel discussion about the financial challenges and opportunities for micro- and small businesses during the Covid-19 pandemic. The seminar was held in Swedish.

18 MAY 2020

STRATEGIC REORIENTATION – LOOKING BEYOND THE CRISIS

The webinar was led by Mattias Axelson, Affiliated Researcher at the SSE House of Innovation, and focused on the strategic approaches to change, and provided tools and inspiration for starting to look beyond the crisis.

25 MAY 2020



STRATEGIC REORIENTATION – UNTAPPING YOUR HIDDEN INNOVATION POTENTIAL

To take the initiative in creating tomorrow's opportunities, companies should look inside themselves to find their hidden innovation potential. The source of new businesses is a firm's already existing know-how, ways of working, partnerships and data.

This webinar was a joint effort by the Stockholm School of Economics House of Innovation and Executive Education.

27 MAY 2020

BUILDING TRUST IN TIMES OF UNCERTAINTY

The seminar was led by Dr Anna Brattström, who studies trust and collaboration in the context of innovation and entrepreneurship. In the seminar, we reflected on both the bright and the dark side of trust in business relationships discussed guidelines for building trust in times of uncertainty.

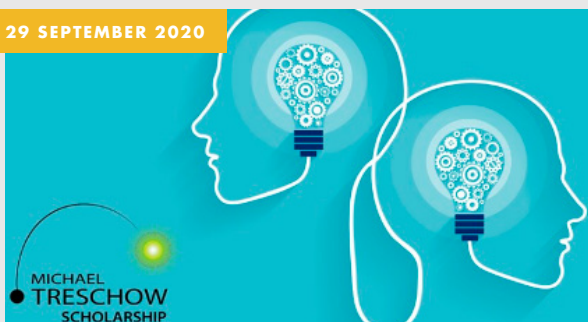
4 JUNE 2020

SWITCHING TO VIRTUAL TEAMS IN THE FACE OF COVID-19

How can managers run an office, where daily and weekly spontaneous meetings have been a vital part of the professional interaction? What are the pitfalls, and are there any learnings that will be the new normal after the pandemic? This webinar was organized by SSE House of Innovation, in collaboration with the Swiss Chamber of Commerce and Switzerland Global Enterprise.



29 SEPTEMBER 2020



DESIGN MEETS BUSINESS – CREATING A NEW KIND OF LEADERSHIP

An online seminar with Michael Treschow and SSE professor Mattia Bianchi, about the role design has in shaping today's businesses, its great potential in innovation, creativity and problem solving, its impact in forging new leadership models, and the need to support design thinkers through the Michael Treschow Scholarship.

2 OCTOBER 2020

FROM CONNECTIVITY TO CONNECTEDNESS – BUILDING SMART, SUSTAINABLE AND PROSPEROUS ENVIRONMENTS THROUGH DIGITAL INNOVATION

An online conference organized as part of Digital@ldag with several renowned speakers from both business and academia. Rather than looking at the promises of new digital technologies, and from this inferring how to build organizational and societal readiness for the future, we focused on things that are already happening. Borrowing from science fiction writer William Gibson, we adopted the premise that the future has already, partly, arrived.



17 NOVEMBER 2020

PLATFORM-BASED COLLABORATION AND COMPETITION – FROM HYPE TO ACTIONABLE STRATEGIES

In this online seminar we discussed the challenges and opportunities given by platform-based ecosystems, as well as the approaches for innovation processes in and across organizations. We had speakers from both HOI and the business community, and the seminar ended with round-table discussions.

19 NOVEMBER 2020

FEMALE ENTREPRENEURS BREAKING SOCIAL EXCLUSION AND BUILDING BRIDGES – CONVERSATIONS WITH ALEXANDRA PASCALIDOU

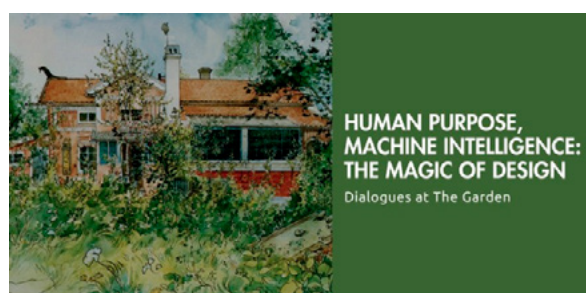
SSE Institute for Research (SIR) and House of Innovation (HOI), in collaboration with the Ester Foundation invited to a digital event about the role of women in breaking social exclusion, dependency on welfare benefits and marginalization in Sweden. The conversations were led by the author and journalist Alexandra Pascalidou, whose latest book "The Mothers" depicts the stories of 20 women living in the most vulnerable areas of Sweden. The event was held in Swedish.

3 DECEMBER 2020

DIALOGUES AT THE GARDEN – HUMAN PURPOSE, MACHINE INTELLIGENCE: THE MAGIC OF DESIGN

The 2020 edition of the Dialogues in The Garden in collaboration with the Swedish Center for Digital Innovation, was an exciting deep-dive at the intersection between innovation, leadership, and design. People who connected with us participated in a vibrant conversation on the role of purpose in problem finding, on its translation into actual economic and social value through novel re-framing techniques, on the benefits that design offers in reflecting and acting with purpose, and on the impact of AI.

Around the table, presenting insights and steering the conversation, were Professor Roberto Verganti and Professor Mattia Bianchi; both Directors of The Garden Center for Design and Leadership, corporate leaders who are actively working in this area, as well as some of our most talented graduate students, who critically drive what SSE does. The event was filled with research-based findings, concrete recommendations, possibilities to network, interactive tasks and an award ceremony: the winner of the 2020 Michael Treschow Scholarship was announced and awarded during this event.



Appendix: RESEARCH SEMINARS

HOUSE OF INNOVATION 2018–2020

RESEARCH SEMINARS PRESENTED AT HOUSE OF INNOVATION

2018-08-29	Trajectory Dynamics in Innovation: Developing and Transforming a Mobile Money Service Across Time and Place	Professor Eivor Oborn (Warwick BS)
2018-08-31	Doing and Publishing Good Relevant Research work!	Professor Michael Barrett, University of Cambridge and Professor Eivor Oborn (Warwick BS)
2018-09-05	Shaping an organization through network bricolage an the historical experience of entrepreneurs	Professor Sarah Jack (Stockholm School of Economics)
2018-09-05	The Motivation of Mission Statements: How Regulatory Mode Influences Workplace Discrimination	Assistant Professor Mark A. Conley (Stockholm School of Economics)
2018-10-03	Individual absorptive capacity	Professor Johan Frishammar (Luleå University)
2018-10-22	The psychology of intergenerational decisions	Associate Professor Kimberly Wade Benzoni (Duke University)
2019-02-19	Strategies for achieving work-life balance among male and female entrepreneurs	Professor Gry Alsos (Nord University)
2019-03-13	Conflicts in new venture teams	Docent Anna Brattström (Lund University)
2019-04-17	The Dark side of R&D Collaboration: R&D Collaboration and Employee Mobility	Dr Ali Mohammadi (KTH, Royal Institute of Technology)
2019-04-24	The role of generations in explaining self- employment trends	Associate Professor Seok Woo Kwon (Univ of Calgary)
2019-05-15	Global Award for Entrepreneurship Research 2019	Professor Boyan Jovanovic (New York University) (joint venture Entreprenörskapsforum)
2019-05-24	Post-acquisition integration strategic choices: Do inherited Alliances play a role?	Professor Pedro De Faria (Groningen University)
2019-09-18	Pre-understandings as an idea enabler in research	Professor Mats Alvesson (Lund University) (joint venture DMO)
2019-09-27	Evaluating entrepreneurial support programs	Professor Phillip Kim (Babson College)

2019-10-30	The Governance of Management Consultancy	Professor Andrew Sturdy (University Bristol) (joint with venture DMO)
2019-12-04	Gender congruent contexts and counter-stereotypical exemplars: Women as risk takers	Associate Professor Sreedhari Desai (University of North Carolina)
2020-02-19	ABC of theorizing using sociology as an example	Professor Emeritus Richard Swedberg (Cornell University)
2020-03-04	Fulfilling the process promise: A review and agenda for new venture creation process research	Professor Per Davidsson (Queensland University of Technology)
2020-04-06	From nest egg to seed investment – retirement security and new business formation among older workers	Professor David Robinson (Duke University)
2020-05-05	Open standards and the dynamics of platform competition: analyzing the nascent podcasting ecosystem	Associate Professor Richard Tee (Surrey University)
2020-05-20	Black and white or shades of grey? Consequences of entrepreneurs' cognitive complexity for startup funding	Professor Lorenz Graf-Vlachy (ESCP Business School)
2020-09-16	How are value co-creation and value co-destruction manifested in an information systems artifact? A case of geocaching	Professor Tuure Tuunanen (University of Jyväskylä)
2020-10-14	How can individuals, groups and organizations learn from failure?	Professor Kristina Dahlin (Copenhagen Business School)
2020-10-21	Valuation arbitrage, destigmatization and black metal	Professor Stoyan Sgourev (ESSEC Business School)
2020-10-28	Unlocking value from AI in financial services: strategic and organizational trade-offs vs media narratives	Professor Christopher Tucci (The Imperial College London)
2020-11-11	Identity change through the revision of a community's collective memory	Professor Roy Suddaby (University of Victoria and the Carson College of Business at Washington State University)
2020-11-18	The potential utility of impulsivity in the new venture startup process	Professor Johan Wiklund (Syracuse University)
2020-12-09	Genetic basis for information search propensity	Professor Eric Walden (Texas Tech University)