

# 3rd Nordic Workshop on Digital Foundations of Business, Operations, Strategy and Innovation (DBOSI'21)

## DATES AND TIMES

- Wednesday 10 February 2021 – 14:30 to 17:30 CET
- Thursday 11 February 2021 – 14:30 to 17:30 CET
- Friday 12 February 2021 – 14:30 to 17:30 CET

## ABOUT THE WORKSHOP

The aim of this invitational workshop is developmental and focuses on presenting and sharing early-stage research that both junior and senior scholars are working on at the frontiers of digital foundations of business, information systems, operations management, strategy, and innovation. It brings together different scholarly communities, to provide opportunities for knowledge exchange and collegial interactions, and to pool new insights and ideas for future research, all in a friendly and supportive atmosphere.

Although the workshop is invitational, the keynote presentations and closing panel are open to other researchers. Please note that the breakout sessions are only for those who have submitted and gotten accepted a research paper.

## PROGRAM

### DAY 1 – WEDNESDAY, 10 FEBRUARY 2021

#### 14.30 – 14:40 **Opening and welcome**

Magnus Mähring, Michael Barrett and Anna Essén

#### 14:40 – 15:30 **Keynote presentations**

*Geoffrey Parker*, Professor of Engineering. Dartmouth College.

*Presentation title: Business & Operating Model Adaptation to Disruption.*

*Jan Abrahamsson*, VP and Head of Strategic Customer Engagements. Ericsson.

*Presentation title: Digital transformation: The emergence of cross-industry ecosystems towards a system of systems.*

#### 15:30 – 16:50 **Breakout session A**

Chair: *Claire Ingram Bogusz* | Senior commentator: *Magnus Mähring*

Reordering the music industry: when digital platforms restructure industry ecosystems. Katharina Cepa and Amber Geurts. Discussant: Grace Walsh.

Levelling the playing field: toward understanding the true impact of regulation in the sharing economy using a quasi-natural experiment. Shagun Tripathi and Harris Kyriakou. Discussant: Hugo Hedlund.

Automated reality: computed human experiences from combination and recombination of data in emerging digital platforms. Barbro Renland Haugjord. Discussant: Kari Koskinen.



### **Breakout session B**

Chair: *Frida Perner* | Senior commentator: *Tale Skjølvsvik*

How does organizational datafication impact individual knowledge work. Louise Harder Fischer and Nico Wunderlich. Discussant: Knut Rolland.

Driven to out-code: rivalry and competition among knowledge workers. Tom Grad, Christoph Riedl and Gavin Kilduff. Discussant: Niina Salo, Kirsimarja Blomqvist and Matti Vartiainen.

Digital strategies to create and capture value in knowledge intensive services. Charlotta Kronblad. Discussant: Charlotte Walker.

### **Breakout session C**

Chair: *Anna Essén* | Senior commentator: *Lisen Selander*

Stairways to future proof data: how bio data ventures exploit, develop and scale data driven artifacts. Hannes Rothe, Sirkka Jarvenpaa, Anna Penninger and Katharina Lauer. Discussant: Tomasz Mucha.

Managing the crowd in ideation contests: How participant interaction affects contest performance. Kathrin Reinsberger, Linn Kretzschmar and Sam Ransbotham. Discussant: Ali Mohammadi.

Crowdsourcing properties and mechanisms of mega hackathons: The case of junction. Alireza Jaribion, Siavash Khajavi, Ulriikka Järvihaavisto, Iiro Nurmi, Robin Gustafsson, and Jan Holmström. Discussant: Tuuli Toivikko.

16:50 – 17:00 Break

17:00 – 17:20 Joint summary from senior commentators

17:20 – 17:30 Wrap up

## **DAY 2 – THURSDAY, 11 FEBRUARY 2021**

14.30 – 14:40 **Opening and welcome**

Magnus Mähring, Michael Barrett and Anna Essén

14:40 – 15:30 **Keynote presentations**

*Eivor Oborn*, Professor. Entrepreneurship and Innovation, Organizing Healthcare Research Network. Warwick Business School, The University of Warwick.

*Presentation title: Responding to crisis: accelerating the integration of innovation ecosystems.*

*Rebecka Cedering Ångström*, Principal researcher, Consumer and Industry Lab. Ericsson.

*Presentation title: Adopting AI in organizations; The journey towards constant change.*



15:30 – 16:50 **Breakout session A**

Chair: *Frida Perner* | Senior commentator: *Kalle Lyytinen*

Towards governing patient data in digital e-health ecosystems. Dragana Paparova.  
Discussant: Barbro Renland Haugjord.

Algorithmic reconfiguring of service ecosystems through new forms of multilateral surveillance. Anna Essén, Eivor Oborn and Michael Barrett. Discussant: Hannes Rothe.

Towards API strategy - a literature review. Kari Koskinen, Sonja Hyrynsalmi, Matti Rossi, Kari Smolander and Jaakko Vuolasto. Discussant: Justin Szewczyk.

**Breakout session B**

Chair: *Magnus Mähring* | Senior commentator: *Robin Gustafsson*

The digital capability trap: Navigating the knowledge landscape in the Swedish manufacturing industry. Henry Lopez Vega. Discussant: Katja Maria Hydle.

Physical connection as a means to innovation - the impact of virtual top management group meetings on corporate entrepreneurship. Ebba Heselius. Discussant: Jannis Angelis.

**Breakout session C**

Chair: *Kathrin Reinsberger* | Senior commentator: *Sirkka Jarvenpaa*

Seeking legitimacy in the pseudonymous economy: striking a balance between privacy and accountability. Grace Walsh, Adegboyega Ojo and Regina Connolly. Discussant: Viktor Holmgren.

A meta organisation as a fictional construct to resolve role conflict: the case of a gig work meta organization. Claire Ingram Bogusz, Linda Weidenstedt and Andrea Geißinger. Discussant: Louise Harder Fischer.

Analyzing digital and social affordances to understand fast digital organizing in cross-sectoral collaboration. Tuuli Toivikko, Kirsimarja Blomqvist and Matti Vartiainen. Discussant: Charlotta Kronblad.

16:50 – 17:00 Break

17:00 – 17:20 Joint summary from senior commentators

17:20 – 17:30 Wrap up

**DAY 3 – FRIDAY, 12 FEBRUARY 2021**

14.30 – 14:40 **Opening and welcome**

Magnus Mähring, Michael Barrett and Anna Essén

14:40 – 16:00 **Breakout session A**

Chair: *Kathrin Reinsberger* | Senior commentator: *Matti Rossi*



The relationship between digital options and organizational agility – the moderating role of organizational dynamism. Janek Richter, Karl Werder and Johan Sandberg. Discussant: Magnus Mähring.

The role of ‘digital technology figurations’ in servitizing organizations: evidence from the energy and maritime industries. Knut Rolland and Katja Maria Hyde. Discussant: Shagun Tripathi.

The generative mechanisms of heavyweight and lightweight IT in digital transformation. Hugo Hedlund. Discussant: Alireza Jaribion.

### **Breakout session B**

Chair: *Claire Ingram Bogusz* | Senior commentator: *Eivor Oborn*

The audit of algorithmic enactments - distrust, unexpected activists, and collective trust. Sirkka Jarvenpaa, Charlotta Kronblad and Lisen Selander. Discussant: Andrea Geißinger.

Of networks and knowledge: How board embeddedness affects incumbents’ responses to discontinuous technologies. Justin Szewczyk, Christopher Kurzhals, Andreas König, and Lorenz Graf-Vlachy. Discussant: Tom Grad.

Digital business model innovation in tech-based professional service firms. Frida Pemer, Charlotte Walker and Tale Skjølvik. Discussant: Henry Lopez Vega.

### **Breakout session C**

Chair: *Anna Essén* | Senior commentator: *Michael Barrett*

Leading knowledge co-creation on a digital platform - a study on temporary expert group leadership practices. Niina Salo, Kirsimarja Blomqvist, Matti Vartiainen and Jayden Khakurel. Discussant: Amber Geurts.

Data driven management of Covid-19: experiences from a Swedish hospital. Viktor Holmgren, Jannis Angelis, Göran Örnung, Lennart Wennerström, Christian Kylander, Peter Holm and Jens Jensen. Discussant: Dragana Paporova.

The value creation potential of machine learning. Tomasz Mucha, Robin Gustafsson and Timo Seppälä. Discussant: Karl Werder.

16:00 – 16:10 Break

16:10 – 16:30 Joint summary from senior commentators

16:30 – 17:10 **Closing panel**

*Udo Zander*. Professor of International Business. Stockholm School of Economics.

*Geoffrey Parker*. Professor of Engineering. Dartmouth College.

*Sirkka Jarvenpaa*. Professor. University of Texas at Austin.



*Kalle Lyytinen*. Distinguished professor. Weatherhead School of Management. Case Western Reserve University.

17:10 – 17:30 Wrap up and closing

The workshop is organised by SSE House of Innovation, in collaboration with the Swedish Center for Digital Innovation, Cambridge Digital Innovation and leading Nordic universities. It follows the two first successful editions at Aalto University.

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