



NORDISK FÖRETAGSEKONOMISK FÖRENING • NORDIC ACADEMY OF MANAGEMENT



The 26th Nordic Academy of Management Conference
Bringing Research Together
25-27 August 2021
Örebro University School of Business, Sweden

Call for Papers

We invite you to submit your research to explore the theme of "*Bringing Research Together*" for the 26th biennial NFF Conference in Örebro. We are looking forward to receiving your submissions.

Track 6.2 – Digitalization: Digital Tools and Organizational Transformation

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Description:

Access to new digital tools creates both possibilities and problems, for individuals, organizations and society at large. With "Enterprise Systems" (increased integration), "Business Intelligence" (increased insights; transparency/accountability), "Robots" (automation of work and processes) and "Internet of things" (increased materiality), we are now living in an era of high complexity and existence of "Big Data". From a management perspective, for example, it is now possible to measure performance with high granularity in multiple dimensions and in real-time. At the same time, this possibility creates enormous amounts of data that, in turn, creates problems such as the lack of managerial attention. The full potential of all these various solutions can, therefore, only be reached if this technology is supported by extensive organizational change(s). Organizations and their different stakeholder need and can now rethink how they work. For example, new organizational roles, routines, rules are paramount to reap the full benefits of the technology.

Despite its high practical importance, there is an apparent lack of academic studies about management and digitalization (ICT). In rare cases when the subject is studied, it is often based on classical definition where technology is viewed as a static and deterministic artefact. However, with a more informative theoretical standpoint- e.g. structuration theory, ANT, practice perspective - differs the view of the concept "technology". From such perspectives, technology is viewed as a dynamic and interactive concept. This viewpoint of intelligent technology is also highly relevant in the more recent work done in the area of micro-foundations.

From a Nordic perspective, the subject of this track is specifically interesting since the Nordic countries in many respects at the forefront of ICT development and use. To the track "Digitalization: Digital Tools

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and Organizational Transformation" we invite empirical work, with different theoretical points of departures, and related to the many topics in the field of "Management" with its numerous subfields. Welcome!

This track has been a part of the NFF conference in Stockholm (2011), Reykjavík (2013), Copenhagen (2015), Bodö (2017), Vaasa (2019) (with slightly different titles).

Examples of possible topics:

- Digitalization and new organizational attention – especially sustainability.
- Digitalization and its consequences for strategy and business models.
- Digitalization and transformation of organizational micro-foundations: roles, routines, and routines/norms.
- Digital Tools for an augmented reality. Improved insights, transparency and accountability.
- Digitalization and improved decision making.
- Data Literacy and Digital Competence
- Success and/or failures in ICT/digital projects.
- Design and use of metrics in a digitalized world.

Keywords:

Digitalization, Decision Making, Sustainability, Management Control, Organizational Change and Transformation, Routines

References:

Bailey, D.E. & Barley, S.R., 2020, "Beyond design and use: How scholars should study intelligent technologies", *Information and Organization*, 30, 2.

Baghizadeh, Z., et al, 2020, "Review and Critique of the information systems development project failure literature: An argument for exploring information systems development project distress", *Journal of Information Technology*, 2020, 35, 2, 123-142.

Felin, T., et al., 2012, "Microfoundations for Routines and Capabilities: Individuals, Processes and Structure", *Journal of Management Studies*, 49, 8, pp 1351-1374.

Kellog, K. C., et al., 2020, "Algorithms At Work: The New Contested Terrain of Control", *Academy of Management Annals*, Vol 14, 1, pp 366-410.

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Leonardi, P.M. (2013). Theoretical foundations for the study of sociomateriality. *Information and Organization*, Vol. 23, No. 2, pp. 59-76.

Stouten, J., et al, 2018, "Successful Organizational Change: Integrating The Management Practice and Scholarly", *Academy of Management Annals*, 12, 2, 752-788.

Author guidelines:

Go to www.oru.se/NFF2021 for more information about how to submit a paper. The deadline for abstract submission is 30 January 2021. Full paper due: 21 June 2021.

We very much look forward to welcoming you in Örebro!

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