

ANN-LOUISE ANDERSEN



ACADEMIC CAREER

Aalborg University
2020 - present Associate Professor at the Department of Materials and Production.

Aalborg University
2017 - 2020 Assistant Professor at the Department of Materials and Production.

Jönköping University
2020 - present Guest Assistant Professor at the Department of Industrial Product Development, Production and Design, School of Engineering.

Jönköping University
2018 - 2020 External Research Fellow at the Department of Industrial Product Development, Production and Design, School of Engineering.

EDUCATION

Aalborg University
2014 - 2017 Ph.D.
Dissertation: Development of Changeable and Reconfigurable Manufacturing Systems – Supporting Context-Specific Design of Changeability.

Aalborg University
2009 – 2014 M.Sc. (Engineering) in Operations and Supply Chain Management.
B.Sc. (Engineering) in Global Business Engineering.

RELEVANT TEACHING AND STUDY ADMINISTRATION

Aalborg University
Teaching M.Sc. course “Flexible Manufacturing”, teacher and course coordinator (App. 40-60 student/year, 2015-present).
M.Sc. course “Manufacturing Processes”, teacher (App. 15-20 students/year, 2015-present).
M.Sc. course “Introduction to Production”, teacher and course coordinator (App 15-20 students/year, 2016-present).
B.Sc. course “Intelligent Manufacturing”, teacher (App. 10-15 students/year, 2018-present).

Jönköping University
Teaching Ph.D. course “Production Development” (App. 15 students/year, from 2020-present).
CEE (Continuing Engineering Education) course for industry practitioners in “Changeable and Reconfigurable Production”, teacher and course coordinator (App. 15-25 participants/year, 2018-present).

Aalborg University
Co-supervision of Ph.D. students (2 students), Supervision of M.Sc. students in “Management

Supervision	Engineering” and “Production” and B.Sc. students in “Global Business Engineering” (15-20 students/year, from 2014-present).
Aalborg University	Member of Study Board of Production at the Department of Materials and Production, Faculty of
Administration	Engineering and Science covering 8 B.Sc. and M.Sc. study programs (2020-present). Member of E-Learning group at Faculty of Engineering and Science (2018-present). Coordinator of study program M.Sc. in Production (2020-present).

Aalborg University Universitetspædagogikum	Universitetspædagogikum (10 ECTS course) completed with high distinction, including certification in English as a medium of instruction (C1 on CEFR).
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Guest Lectures	Lecture in M.Sc. course “Production Development” at Jönköping University (2017). Lecture in Ph.D. course “Production Platforms” at Jönköping University (2018).
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RESEARCH PROJECTS

“REKON” 2020-present (3 years)	Co-applicant, Co-project manager and lead researcher. “Udvikling af Rekonfigurerbar Produktion”, Industriens Fond, Grant of 8 mill. DKK (External partners: Jönköping University, University of Southern Denmark, Danish Technological Institute, Vestas Wind Systems A/S, VOLVO AB, Grundfos A/S, Elvstrøm Sails, Nopa Nordic, Tempur Sealy).
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“VARIETY” 2019-present (2,5 years)	Danish project manager, “Variety and Complexity Management in the Era of Industry 4.0” AURA Network Project, EUR 36,000 (External partners: Ecole des Mines Saint-Etienne (lead), Bremer Institut für Produktion and Logistik, Fraunhofer Institute for Industrial Engineering IAO).
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“PREMIUM” I & II 2018-present	Researcher in development of reconfigurable manufacturing systems in industry. “Professional Education for Manufacturing Innovation”, The Knowledge Foundation Sweden (External partners: Volvo Cars, Volvo AB, Scania)
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“PBL2.0 / PBL DIGITAL” 2018-present	Researcher in digitalization of university education and problem-based-learning. Faculty of Engineering and Science, Aalborg University.
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“BUTTERFLY EFFECT” 2019-2020	Researcher in work package on production development and system modelling. “Mastering Butterfly Effects within Knowledge Intensive Product Realization”, The Knowledge Foundation Sweden.
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“INNOPRO PLATFORM” 2018-2019	Researcher in reconfigurability and production platforms. Innovation Network for Production.
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“CEJACKET” 2017-2018	Researcher in modular product design and modular production. “Cost-Efficient Jackets for offshore wind industry”, Grand Solutions, Innovation Foundation Denmark (External partners: Bladt Industries, Siemens Gamesa).
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“MADE SPIR” 2014-2017	Researcher in work package on modular production platforms. “Manufacturing Academy Denmark”, Strategic Platform for Innovation and Research (External partners: Grundfos A/S, Hydrema A/S).
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INTERNATIONAL RESEARCH COLLABORATIONS

- Visiting Researcher, Intitute Henri Fayol, Ecole des Mines Saint-Etienne, France (April 2019).
- Visiting Researcher, Intelligent Manufacturing Systems (IMS) Centre, University of Windsor, Canada (April 2018 and September to December 2016).

ACADEMIC HONORS

- Research Affiliate in CIRP – International Academy for Production Engineering, since 2018 (Sponsored by Professor Hoda ElMaraghy, Intelligent Manufacturing Systems (IMS) Centre, University of Windsor, Canada).
- Chair of the 8th CIRP-sponsored Changeable, Agile, Reconfigurable and Virtual Production Conference (CARV2021).
- Co-chair of the 10th Conference on Mass Customization, Personalization and Co-creation (MCPC2021).

PUBLICATIONS

- 49 publications: international peer-reviewed journals (6), book chapters (2), international peer-reviewed conference publications in journals (13), international peer-reviewed conference publications in proceedings (26), and manuscripts (1).
- Scopus H-index of 9 and 299 citations since 2014.
- Google scholar H-index of 12, i10-index of 15, and 565 citations since 2014.
- Reviewer of several international journals, reviewer for several international conferences including organization of special sessions, and experience in assessment of international PhD dissertation.