

ROMAN JUROWETZKI

Associate Professor, PhD

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EXPERIENCE

Associate Professor, Innovation Studies and Applied Data Science

Aalborg University, Business School

📅 June 2020 -

- Founder and Coordinator, Social Data Science Specialisation
- Module coordinator and researcher at the Sino-Danish Center (SDC), Univ. of the Chinese Academy of Science, Beijing, CN
- Member of: IKE Research Group, AI for the People, Danish Research Unit of Industrial Dynamics (DRUID)

CURRENT PROJECTS

Artificial Intelligence in China – Data, Methods, Sector and Firm Applications

Sino-Danish Center

📅 2018 -

💰 approx. 3.5 mio. DKK

Aim: Understanding the particular patterns, dynamics, drivers, and effects of AI development and diffusion in China. The project combines research collaboration, executive competence building as well as PhD training.

Digital Recipes for Research Dissemination

AAU - Viden for Verden

📅 starting April 2020

💰 460.000 DKK

One-year project on the AAU-wide identification and promotion of good practice in modern research dissemination.

RECENT PUBLICATIONS

details: 🌐 vbn.aau.dk/en/persons/125497

📖 Chapters

- Hain, DS and Roman Jurowetzki (forthcoming 2020). "Handbook of Quantitative Research Methods in Entrepreneurship". In: Edward Elgar Publishing. Chap. The Potentials of Machine Learning and Big Data in Entrepreneurship Research—the Liaison of Econometrics and Data Science.

📄 Journal Articles

- Hain, Daniel S. et al. (forthcoming 2020). "From Catching up to Industrial Leadership: Towards an Integrated Market-Technology Perspective - An Application of Semantic Patent-to-Patent Similarity in the Wind and EV sector". In: *Industrial and corporate change*.

RESEARCH INTERESTS

Main interest is innovation, technological change and application of emerging technologies. Interests include: Technology Mapping, Forecasting, Scientometrics, Method Development, Machine Learning and AI, Natural Language Processing, EdTech, Innovation and Ecosystem Analysis

AWARDS

🏆 Winner of the Big Data Analytics Challenge 2018

European Union Intellectual Property Office (EUIPO) and the Organisation for Economic Co-operation and Development (OECD)

LANGUAGES

Native or proficient: Danish, English, German, Russian, Spanish

EDUCATION

PhD in Innovation Economics

Aalborg University

📅 2012 - 2016

- Thesis: Exploring Transition of Large Technological Systems through Relational Data. A Study of The Danish Smart Grid Development.
- Affiliated: Strategic research alliance for Energy Innovation Systems and their dynamics (EIS); funding: 22,51 mio. DKK, 2,59 mio. DKK AAU.
- 2014: Visiting researcher at RAND Corporation, Cambridge, UK.
- (co)organized 4 conferences (400 participants) as member of the GLOBELICS Secretariat between 2012-2016.

MSc in Innovation, Knowledge and Economic Dynamics

Aalborg University

📅 2010 - 2012

BA in Governance and Public Policy

University of Passau

📅 2006 - 2010