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
- Leader of the AI Growth Lab at AAUBS
- Member of: IKE Research Group, AI for the People, Danish Research Unit of Industrial Dynamics (DRUID)

CURRENT PROJECTS

AI Denmark

Danish Industrial Foundation

📅 starting 2021   💰 34.5M DKK (6.2M AAU share)

Three-year project seeking to inspire and empower Danish SMEs to create value using machine learning and AI technologies.
`https://aidenmark.dk/`

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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.

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RECENT PUBLICATIONS

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

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📓 Chapters

- Hain, DS and Roman Jurowetzki (2018). "The potentials of machine learning and big data in entrepreneurship research–the liaison of econometrics and data science". In:

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📄 Journal Articles

- Hain, Daniel S et al. (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 Secritariat between 2012-2016.

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MSc in Innovation, Knowledge and Economic Dynamics

Aalborg University

📅 2010 - 2012

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BA in Governance and Public Policy

University of Passau

📅 2006 - 2010