

Data driven healthcare in Norway



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12:00 – 13:00 PM
BMI Classroom 4004
Woodruff Memorial Research Building

or

Join us on Zoom link:
<https://zoom.us/j/99520229578>
Meeting ID: 99520229578



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Abstract: The last decade witnessed a rapid development of data driven methodologies. As the technology matures, there is a growing desire for its implementation into the healthcare sector, to meet the future demands of an aging population. Norway benefits from a public healthcare system where vast quantities of relatively standardized data are already available. However, the healthcare sector in general suffers from a large technical debt, while adhering to strict modes of operation. In this presentation I will talk about the current status and challenges of AI research and implementation at the largest hospital in the country – Akershus University Hospital. This includes data quality improvement, infrastructure and navigating in a system of IT silos, AI and healthcare ethics, and regulation such as the EU AI act; as well as our first research projects developing models on production data.

Bio: Arian Ranjbar, PhD, is currently working as a postdoc at Medical Technology and E-health, Akershus University Hospital/University of Oslo, where he leads the AI research group and the Intelligent Health pillar of Akershus Clinical Research Center. He did his PhD at Chalmers University of Technology and University of California, Berkeley, specializing in machine learning implementations for safety critical systems. His previous research involves statistical modelling, unsupervised learning, confidence estimation in ML models and AI monitoring systems.