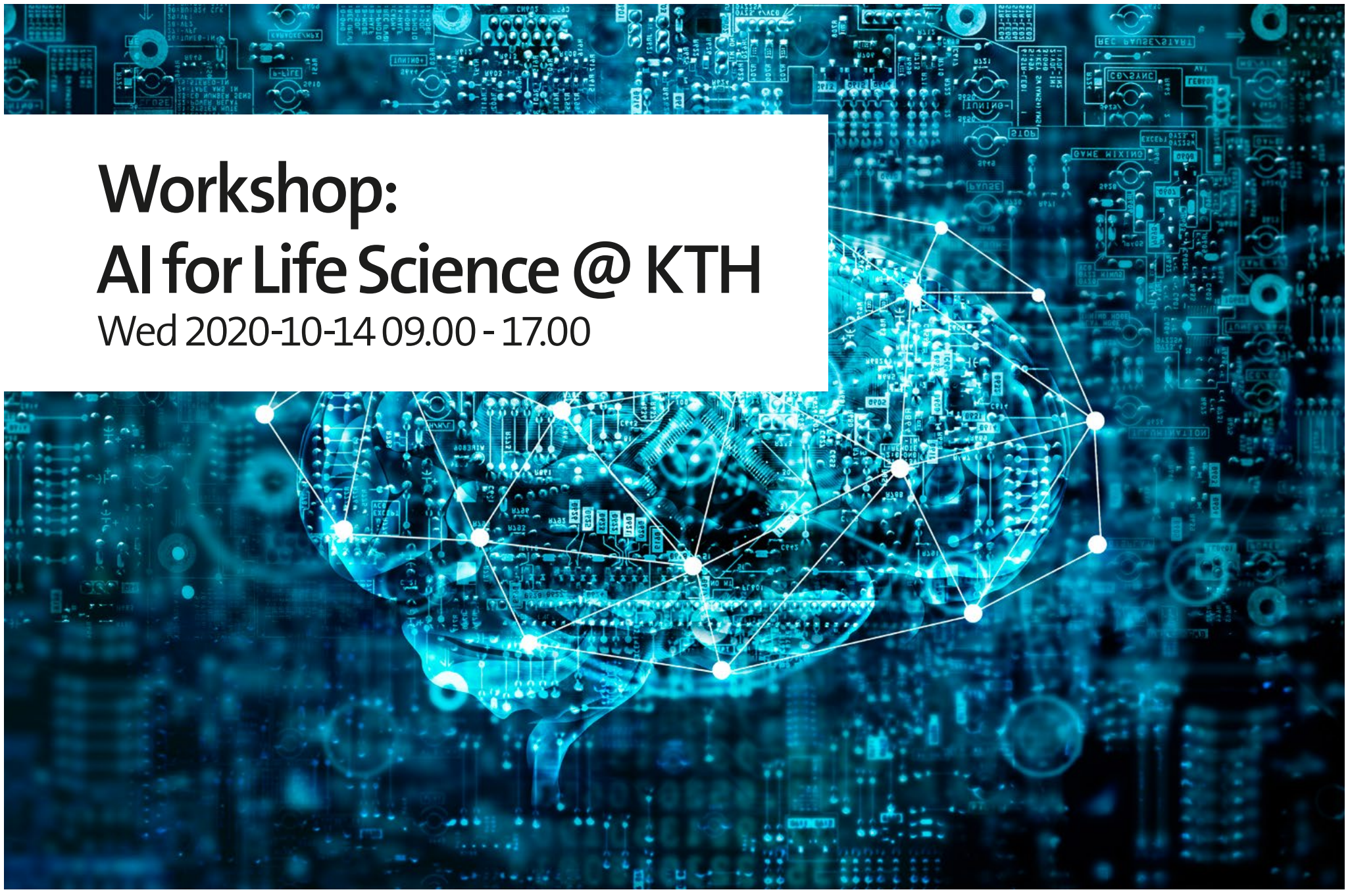

Workshop:
AI for Life Science @ KTH

Wed 2020-10-14 09.00 - 17.00

Improved prediction methods in AI and machine learning are increasingly enhancing the scientific and technological progress in life science, health and care. Moreover, the recently opened Center for Health Data in Stockholm presents a unique opportunity to leverage health data to improve the healthcare system, from prevention to diagnosis and treatment. With this background,

KTH's research platforms on Digitalization and Life Science arranges a workshop on artificial intelligence and machine learning for life science, health and care. The goal is to bring together both "users" and "developers" of AI, from academia, industry and government, to shape a research agenda for AI in Health, for Stockholm and Sweden.

Keynote Speakers:

- Emma Lundberg - Visiting Assoc. Professor at Stanford University. Professor KTH, Director of the Cell Atlas of the Human Protein Atlas
- Sören Brunak - Professor of Bioinformatics, Research Director, NNF Center for Protein Research
- Thomas Wiegand - chair of ITU/WHO, Focus Group on Artificial Intelligence for Health (FG-AI4H), Professor at TU Berlin and Executive Director of Fraunhofer HHI

Confirmed short talks:

- Henrik Hult, Professor of Mathematical Statistics, KTH
- Jens Lagergren, Professor of Computer Science and Computational Biology, KTH
- Joakim Lundeberg, Professor of Gene Technology, KTH
- Hedvig Kjellström, Professor of Computer Science, KTH.
- Örjan Smedby, Professor of Medical image processing and visualization, KTH

Breakout Sessions

- AI challenges and opportunities with Stockholm Health Data Center
- Future of advanced AI supported imaging for life science research
- AI and data science challenges in life science research
- AI for health decision support
- AI and modeling for epidemiology research

Panel discussion

The future of AI for Life Science in Sweden

Location: Zoom

Organisers: KTH Digitalization Platform and KTH Life Science Technology Platform

Registration: *bit.ly/ai_for_life*