

Program

SeRC Twelfth Annual Meeting, May 24 2021, online

13.00-13.10	Welcome Dan Henningson, SeRC Director, KTH
13.10-13.15	Machine Learning and Data Science in SeRC Hedvig Kjellström, SeRC Data Science MCP coordinator, KTH
13.15-13.45	Keynote 1: Deep probabilistic regression Thomas Schön, Beijer Professor of Artificial Intelligence, UU
13.45-14.00	Q&A with Prof. Schön
14.00-14.15	Coffee offline
14.15-14.20	SeRC ML Project 1: Deep Learning for modeling turbulent flow Hossein Azizpour
14.20-14.25	SeRC ML Project 2: ML research to tackle the clinical wilderness Claes Lundström
14.25-14.30	SeRC ML Project 3: Learning hardness Ferenc Tasnadi
14.30-14.35	SeRC ML Project 4: Towards brain-like machine learning Pawel Herman
14.35-14.40	SeRC ML Project 5: Solving inverse problems with scientific machine learning Ozan Öktem
14.40-15.00	Panel debate with the speakers
15.00-15.15	Zoom coffee in breakout rooms (randomly assigned)
15.15-15.45	Keynote 2: Process and Purpose, Not Thing and Technique: How to Pose Data Science Research Challenges Robert Williamson, Professor for Foundations of Machine Learning Systems, U Tübingen, Germany
15.45-16.00	Q&A with Prof. Williamson
16.00-16.15	Coffee offline
16.15-16.30	Outlook: Initiatives in Machine Learning and Data Science in Sweden WASP Anders Ynnerman, WASP Program Director, LiU DDLs Erik Lindahl, DDLs Steering Group member, SU
16.30-16.45	Outlook: Investments in e-infrastructure in Sweden PDC Dirk Pleiter, PDC Director, KTH NSC Matts Karlsson, NSC Director, LiU EuroHPC Erik Lindahl, SeRC Co-Director, SU ENCCS Lilit Axner, ENCCS Director, UU
16.45-17.00	Zoom coffee in breakout rooms (randomly assigned)
17.00-17.30	Keynote 3: Why doesn't it work in reality? Bridging the gap between curated proof of concept tests and real-world deployment of biomedical image-based deep learning Ida-Maria Sintorn, Associate Professor in Computerized Image Analysis, UU
17.30-17.45	Q&A with Prof. Sintorn
17.45-18.00	Closure Dan Henningson, SeRC Director, KTH
18.30-...	Possibility for spontaneous activity near KTH and near LiU, depending on the weather and pandemic situation

Connected meetings:

Monday 24/5 9.30-12.30 SeRC Steering and Advisory Board meeting