

Bergen AI & Machine Learning Symposium 2019

Solstrand, March 25-26

Monday

8:00		Coach Departure from Høyteknologisenteret to Solstrand
9:30	9:45	Opening (Ketil Malde)
9:45	10:00	Pinar Heggernes NORA - Norwegian Artificial Intelligence Research Consortium
10:00	10:15	Break
		<u>Visualization</u>
10:15	10:25	Ketil Malde Machine learning in the marine sciences
10:25	10:35	Vaneeda Allken Using a CNN trained on synthetic data for fish species identification
10:35	10:45	Håkon Gimse How to use machine learning to detect and classify malaria in microscope images
10:45	10:55	Satheshkumar Kaliyugarasan Transfer Learning in medical images: a case study
		Short Break
11:00	12:00	Jill Walker Rettberg Machine Vision in Everyday Life: Is AI Changing the Way Humans See?
12:00	14:00	Lunch
		<u>Machine learning methods and foundations</u>
14:00	14:10	Hans J. Skaug Reinforcement Learning and Statistics
14:10	14:20	Fedor Fomin Robust PCA with outliers.
14:20	14:30	Hyeongji Kim Interpretation of machine learning models
14:30	14:40	Yushu Li Estimating and Forecasting APARCH-Skew-t Model by Wavelet Support Vector Machines
14:40	14:50	Muhammad Ammar Malik An improved majority filtering algorithm for cleaning label noise in supervised learning
14:50	15:00	Discussion (All talks)
15:00	15:30	Break
		<u>Applications and commercial use</u>
15:30	15:40	Than Htut Soe Better Video Workflows via Real-Time Collaboration and AI Techniques in Television and New Media
15:40	15:50	Kamila Misiejuk Measuring learning in the age of big data
15:50	16:00	Tom Michoel Machine learning in systems biology
16:10	16:20	Yapi D Achou Signal processing and machine learning approach for anomaly detection.
16:20	16:30	Break
16:30	16:40	Klaus Johannsen Using genetic algorithms and big data technologies for constraint optimization of future climate projections
16:40	16:50	Thomas Röblitz AI hub-node project at UiO
16:50	17:00	Bjarte Johansen AI, ML, and Data Science at Equinor
17:00	19:00	Freedom
19:00		Dinner

Tuesday

10:00	11:00	Paolo Turrini Strategic AI
11:00	11:10	Break
11:10	11:20	Thomas Ågotnes Multi-agent systems: a biased overview
11:20	11:30	Marija Slavkovik Collective reasoning
11:30	11:40	Hanna Kujawska Machine Learning in Rank Aggregation Methods
11:40	11:50	Pekka Parviainen Learning Bayesian networks
11:50	12:00	Ingvild Helgøy Sparse Bayesian learning
12:00	12:10	Bjørnar Tessem Working with the real: Challenges with Bayesian Networks
12:10	14:00	Lunch
14:00	15:00	After lunch discussions
15:00		Coach Departure to Bergen