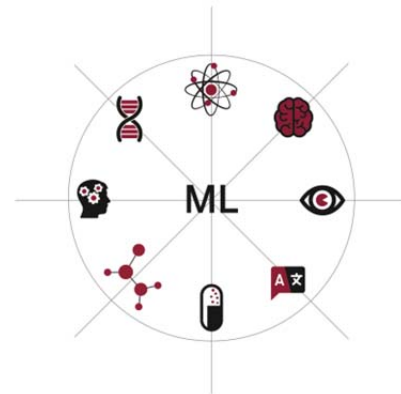




Symposium „Machine Learning in Science“

March 18 and 25-26 2018

Max-Planck-Gästehaus – Hörsaal
Max-Planck-Ring 6, 72076 Tübingen



Monday, March 18, 2019

09:30 – 10:30	<i>Neutrino Cosmology - Weighing the Ghost Particle with the Universe</i> Dr. Elena Giusarma -- Simons Foundation, Flatiron Institute Center for Computational Astrophysics, New York, USA
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Monday, March 25, 2019

08:30	<i>Information Field Theory</i> PD Dr. Torsten Enßlin -- MPI für Astrophysik, Garching, Germany
09:30	<i>Active machine learning for automating scientific discovery</i> Prof. Dr. Roman Garnett -- Washington University in St. Louis, USA
10:30	<i>Coffee Break</i>
11:00	<i>Bayesian optimisation: nano-machine-learning</i> Assoc. Prof. Dr. Michael Osborne -- University of Oxford, UK
12:00	<i>Robust and Scalable Learning with Graphs</i> Prof. Dr. Stephan Günnemann -- TU München, Germany
13:00	<i>Lunch</i>
15:00	<i>Representing and Explaining Novel Concepts with Minimal Supervision</i> Asst. Prof. Dr. Zeynep Akata -- University of Amsterdam, The Netherlands
16:00	<i>Coffee Break</i>
17:45	Cluster Member Meeting and General Assembly (<i>non-public</i>)
19:00	Joint Dinner (<i>by invitation</i>)

Tuesday, March 26, 2019

08:30	<i>Expressive, Robust and Accountable Machine Learning for Real-world Data</i> Dr. Isabel Valera -- MPI for Intelligent Systems, Tübingen, Germany
09:30	<i>Algorithms of Vision: From Brains to Machines and Back</i> Dr. Alexander Ecker -- Universität Tübingen, Germany
10:30	<i>Coffee Break</i>
11:00	<i>From Paired to Unpaired Image-to-Image Translation and Beyond</i> Dr. Radu Timofte -- ETH Zürich, Switzerland
12:00	<i>Face processing: Bridging Natural and Artificial Intelligence</i> Assoc. Prof. Dr. Angela J. Yu -- University of California San Diego, USA
13:00	<i>Lunch</i>
14:00	<i>From statistics to mechanisms, and back</i> Prof. Dr. Jakob Macke -- TU München, Germany