



Machine Learning in Science

Conference on 13 - 14 July 2026 in Tübingen

VENUE – Neckawa (Wöhrdstraße 25, 72072 Tübingen)

Monday, 13 July 2026

09:00	Opening Remarks Ulrike von Luxburg, Jakob Macke, Philipp Berens (Speakers of the Cluster of Excellence "Machine Learning", University of Tübingen)
09:15	When Legislation Meets Loss Functions: The Impact of EU Law on ML Practices Kristof Meding (Carl-Zeiss-Institute for Artificial Intelligence and Law, University of Tübingen)
10:00	Technology, Firms, and Workers Anna Gumpert (School of Business and Economics, University of Tübingen)
10:45	Coffee Break
11:15	AI for Next-Generation Climate Modelling Veronika Eyring (Deutsches Zentrum für Luft- und Raumfahrt e.V. (DLR) & University of Bremen)
12:00	Why LLM Leaderboards Create Bad Incentives and How to Fix Them Yatong Chen (MPI for Intelligent Systems)
12:45	Lunch
14:00	Probabilistic Machine Learning for Gravitational-Wave Inference Maximilian Dax (ELLIS Institute Tübingen and MPI for Intelligent Systems)
14:45	Precision Immunology using Computational Workflows and Machine Learning Sven Nahnsen (Quantitative Biology Center, University of Tübingen)
15:30	Poster Session - AIMS Fellows and Research Groups - Coffee
19:00	Dinner

Tuesday, 14 July 2026

09:00	Heterogenous Agent Macroeconomics Ralph Luetticke (School of Business and Economics, University of Tübingen)
9:45	Building a Comprehensive Ecosystem for Knowledge-Led Development in Africa Charles Lebon Mberi Kimpolo (African Institute for Mathematical Sciences, Kigali, Rwanda)
10:30	Coffee Break
11:00	Ethics and Epistemology of AI: The Perspective of Integrated Research Sabine Ammon (IZEW, University of Tübingen)
11:45	It's not the Model, it's the Problem - Rethinking ML for Medical Imaging Katharina Hoebel (Hertie Institute for AI in Brain Health)
12:15	The Efficiency-Validity Trade-Off in Foundation Model Research Sebastian Bordt (Department of Computer Science, University of Tübingen)
12:45	Closing Remarks Ulrike von Luxburg, Jakob Macke, Philipp Berens (Speakers of the Cluster of Excellence "Machine Learning", University of Tübingen)
13:00	Lunch