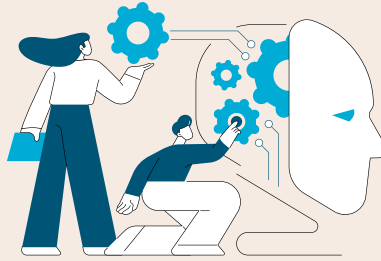


Machine Learning Day



April 29th, 2025
10am–3pm

Seminar building
Universitätsstraße 37
50931 Cologne

Time	Title	Speaker
10:00	Welcome	Achim Rosch <i>Physics</i>
10:05	Trustworthy machine learning	Aleksandar Bojchevski <i>Computer Science</i>
10:20	From data to destiny: AI for predicting cancer evolution	Roland Schwarz <i>Computational Biology</i>
10:35	Transforming oncological pathology with AI	Yuri Tolkach <i>University Hospital</i>
10:50	Scientific Machine Learning	Axel Klawonn <i>Mathematics & CDS</i>
11:05	<i>coffee break</i>	
11:40	Machine learning in Skills and Structures in Language and Cognition	Nils Reiter <i>Digital Humanities</i>
11:55	Machine learning in aging research	David Meyer <i>University Hospital</i>
12:10	Machine learning and quantum computing	Simon Trebst <i>Physics</i>
12:25	AI in Astronomy: Classification of images and spectra	Daniel Seifried <i>Astrophysics</i>
12:40	<i>lunch</i>	
13:15	ML in Earth System Sciences	Susanne Crewell <i>Meteorology</i>
13:30	ML/AI in business analytics	Markus Weinmann <i>Economy</i>
13:45	ML/AI in economics	Tom Zimmermann <i>Economy</i>
14:00	Computers, Humans, and Databases – A Historical View on Mutual Adaptation	Debora Gerstenberger <i>History</i>
14:15	panel discussion	Trebst (<i>Physics</i>), Bojchevski (<i>Computer Science</i>), Gagl (<i>Humanities</i>), Zimmermann (<i>Economy</i>), Meyer (<i>University Hospital</i>)
14:55	closing remarks	Simon Trebst