



UNIVERSITY
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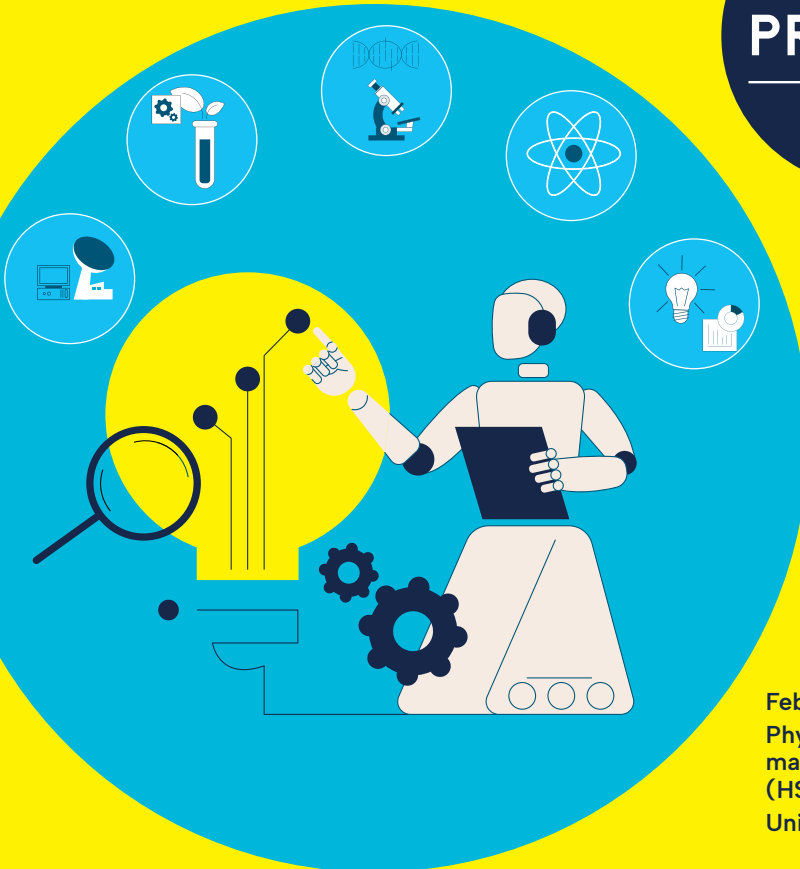


Center for
Data and
Simulation
Science

AI DAYS

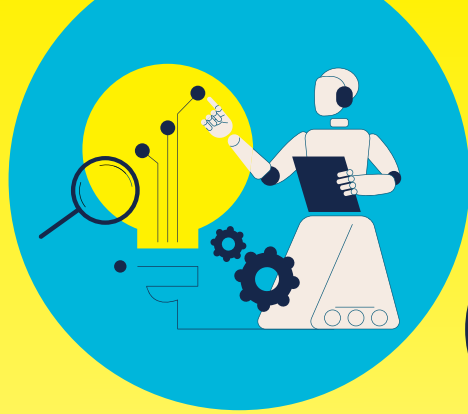
Interdisciplinary Perspectives on
AI & Data-Intensive Research

PROGRAM



Feb. 19–20, 2026
Physics
main building
(HS 2)
University of Cologne

AI DAYS

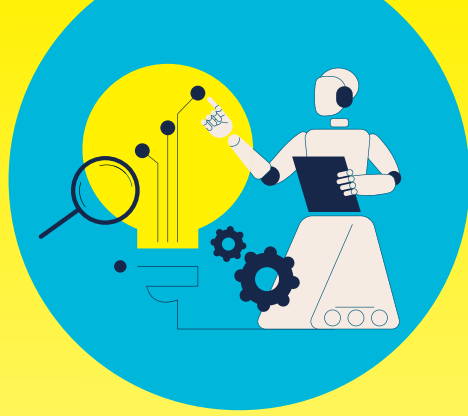


Feb. 19–20, 2026
Physics
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19. February 2026 / Thursday

Time	Speaker	Title
08:30–09:00	Registration Desk is Open	
09:00–09:30	Welcome	
09:30–10:30	Tutorial, Hajira Jabeen	Transformers Demystified: A Tutorial on Self-Attention
10:30–11:00	Johanna Zimmermann	TBD
11:00–11:30	Yael Ecker / Joris Lammers	Using AI to Understand how Framing affects Political Support
11:30–12:00	Coffee Break	
12:00–12:30	Nils Reiter	TBD
12:30–13:00	Benjamin Gagl	When understanding the human condition is the goal: Factors to consider when investigating human functioning with computational methods
13:00–14:30	Posters + Lunch	
14:30–15:00	Christoph Böhm	Satellite remote sensing of fog in the Atacama Desert
15:00–15:30	Erik Weiss	Vorstellung des Forschungsprojekts EMAS-KI (Entwicklung forensischer Methoden zur rechtssicheren Auditierung von Systemen mit Künstlicher Intelligenz)
15:30–16:30	Breakout Round Tables + Coffee Break in parallel	
16:30–17:15	Debora Gerstenberger	Future-Making with Digital Tools – Lessons from the History of Computing
	Nora Probst	(Counter-)Narratives on Socio-Technical Infrastructures: Media Studies Perspectives on AI
	Martin Andree	Monopolisation in the Digital Sphere and AI – Empirical Findings and Implications for Democracy, Media Freedom, and Science
17:15–18:00	Aimee van Wynsberghe / University of Bonn	Repairing AI for Environmental Justice
18:00	short wrap up	

AI DAYS



20. February 2026 / Friday

Time	Speaker	Title
09:00–09:30	Registration Desk is Open	
09:30–10:30	Tutorial, Aleksandar Bojchevski	The Dimensions of Trust in AI
10:30–11:00	Stefan Wesner	Brain meets Brawn – How to deliver scalable AI Infrastructure Services now, soon and sometime...
11:00–11:30	Andreas Herten	From JUPITER to the Stars: The Hardware Driving the AI Revolution
11:30–12:00	Coffee Break	
12:00–12:30	Axel Klawonn	Scientific Machine Learning with Applications to Medicine and Material Science
12:30–13:00	Tatiana von Landesberger	Visual Data and Model Communication: Role of AI and humans
13:00–14:30	Posters + Lunch	
14:30–15:00	Katarzyna Bozek	Across Scales and Modalities: AI in Biomedical Research
15:00–15:30	Hajira Jabeen	From Language to Care: Challenges and Opportunities of using LLMs in Clinical Text
15:30–16:00	Coffee Break	
16:00–16:30	Joseph Kambeitz	TBD
16:30–17:00	Jędrzej Jakub Szymański	TBD
17:00–18:00	Panel: AI in 10 years	
18:00	Concluding Remarks	

Panelists:

Hernán A. Bruno, Debora Gerstenberger, Jędrzej Jakub Szymański, and Stefan Wesner