

REGISTRATION

Registration is required to participate:
<https://eveeno.com/ai-in-science>



ORGANISERS

This Event is jointly organised by the Young Academy (Junges Kolleg) and the Ad hoc-working group 'AI in medicine' of the BADW.

The Young Academy of the Bavarian Academy of Sciences and Humanities is a funding programme for outstanding young scientists from Bavaria that offers them an interdisciplinary platform for scientific exchange. More at badw.de/junges-kolleg.

**Junges
Kolleg**

**HELMHOLTZ
MUNICH**

The ad hoc working group 'AI in Medicine' is a co-operation between the BADW and Helmholtz-Munich and advises on the application of AI in healthcare. More at kimed.badw.de.

The Bayerische Akademie der Wissenschaften is member of



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BADW

EXPLORING AI IN SCIENCE

PAST, PRESENT AND EVERYDAY



WORKSHOP

05/11/24

18.30 UHR

BAYERISCHE
AKADEMIE
DER
WISSENSCHAFTEN

Exploring AI in Science

Past, Present and Everyday

Are you curious about how Artificial Intelligence (AI) is changing the way we do science? Whether you're an undergraduate, a PhD student or an early career researcher from any discipline, this event is for you. Join us for an insightful journey through the evolution of AI, its current applications, and what it actually means for computers and machines to be 'intelligent'.

AI is often portrayed as a mysterious technology shrouded in complexity. Our aim is to demystify AI and show how it can enrich your research efforts. We will examine current applications such as machine vision and natural language processing, and provide insights into how AI can be applied to support your own research.

To use AI tools effectively, it is important to understand how they were built and trained, and their inherent limitations. We will emphasise the importance of scrutinising AI tools for errors and biases, so that you can use these technologies responsibly and effectively in your research.

Finally, we will explore real-world applications where AI has already proven its worth and how it can complement and enhance your scientific work. We invite you to engage with experts and try out selected AI applications including free online tools.

Welcome Address

PROF. DR. ARNDT BODE

President of the Bavarian Research Foundation / BAdW

Speakers

PROF. DR. UTE SCHMID is head of the Chair for Cognitive Systems at University of Bamberg and member of the Board of Directors and Executive Committee at the Bavarian Research Institute for Digital Transformation (bidt).

PROF DR. OPHELIA DEROY is head of the Chair for Philosophy of Mind and Neuroscience at Ludwig-Maximilian University (LMU) as a joint appointment between the Munich Centre for Neuroscience and the Faculty of Philosophy.

PROF. DR. DANIEL CREMERS is head of the Chair of Computer Vision & Artificial Intelligence at Technical University of Munich (TUM) and one of four directors of the Munich Center for Machine Learning.