Friedrich-Alexander-Universität
Research Center for
Mathematics of Data | MoD

FAU MoD Lecture Series



Trustworthy AI: Reliable, Explainable, Revisable

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MOD.FAU.EU

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WHEN

Monday **November 16, 2026**
16:00H (Berlin time)

WHERE

On-site / Online

Friedrich-Alexander-Universität
Erlangen-Nürnberg (FAU).
Room **H19. Hörsaalgebäude**
ER - Südgelände. 1. OG
Cauerstraße 5a, 91058 Erlangen
Bavaria, Germany

Live-streaming:
https://www.fau.tv/clip/id/64145

With the advance of highly performant AI systems, deep learning based classifiers and transformer based generative approaches, there is hope that human AI collaboration will support humans to master complex tasks more efficient as well as in high quality. This is especially relevant for critical tasks such as medical diagnostics or generation of program code for scientific tasks. One the one hand, AI systems need to be reliable, robust, and safe. On the other hand, humans must be able to understand, evaluate, and correct output of AI systems. In the talk, I will present neurosymbolic methods, explainable AI, and interactive machine learning as methodological challenges for successful human-AI collaboration. Furthermore, I will address the efficieny competency dilemma, that is the decline of human competencies by overdelegation to AI systems, while at the same time human expertise is crucial for human agency and oversight of AI systems.