



Topic ▾

Innovating AI Evaluation: Beyond Accuracy and Precision.

Description ▾

As the landscape of artificial intelligence continues to evolve, the need for comprehensive and nuanced evaluation methods increases as well. Traditional metrics such as accuracy and precision, while important, are insufficient for fully capturing the complexities and impacts of AI systems.

The SAIL Spring School aims to address this gap by introducing participants to a diverse array of evaluation strategies, such as user evaluations, ethical and societal impacts, evaluating outcomes that are co-constructed between user and AI, mathematical guarantees, interpretability and transparency assessments, context-specific metrics, etc.

More information and registration under: www.sail.nrw/springschool/

When & Where ▾

When: March 26-28, 2025

Where: CITEC lecture hall, Bielefeld University, Germany

Ethical Aspects in Evaluation ▾



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To design sustainable AI implies reflecting on the social, political, and ethical impacts of using these systems. Ethical assessments should be part of any responsible evaluation. In addition to economic and societal benefits, these systems run the risk of adding to negative impacts including discrimination through bias and stereotypes, the concentration of market power and the emergence of infrastructure monopolies, but also ecological damage, such as significant CO2 emissions and the high-water consumption of the digital infrastructure.

In this tutorial, we will introduce looking at AI from an ethical perspective and how it relates to sustainability. The input will address relevant ethical problems in the context of AI and work out the interfaces between ethics and (global) justice issues. Participants will then have the opportunity to discuss various specific use cases in small interactive groups and work on the ethical challenges. The main focus is on mapping intelligent socio-technical-ecological systems and initiating reflection processes from an ethical perspective. Participants learn to deal with values and the associated stakeholders, norms and conflicts when it comes to AI development and implementation.

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