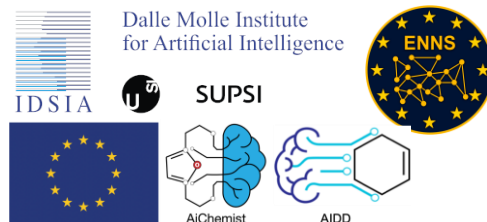


# ICANN24

33rd International Conference on Artificial Neural Networks

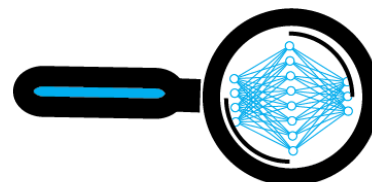


## Workshop on Explainable AI in Human-Robot Interaction

### Description

The workshop will be held for the dissemination and discussion of results from the MSCA EU-project TRAIL (Transparent, Interpretable Robots). The topic of the project is Explainability and Transparency in artificial neural networks (**decision transparency**) and in human-robot interactions (**behavior transparency**).

By examining approaches to increase the transparency of internal decision-making processes and behavioral mechanisms in HRI, the research of TRAIL offers a holistic view of reliable, trustworthy interactions between robots and non-expert users. The intended audience are researchers from all stages either to benefit from the expertise of the doctoral candidates (DCs) of the TRAIL project or to contribute to lively discussions about the future of trustworthy, embodied AI.



# TRAIL

### Program and Topics

The workshop will feature short presentations from the DCs of the TRAIL project on their research topics in XAI, as well as longer talks from invited experts in the fields of explainable AI, social robotics, and AI ethics.

The program and topics will be announced soon.

### Organization

The workshop is organized by:

- Stefan Wermter (University of Hamburg)
- Angelo Cangelosi (University of Manchester)
- Igor Farkaš (Comenius University of Bratislava)
- Theresa Pekarek Rosin (University of Hamburg)

For more information on the TRAIL project visit <http://www.trail-project.info/>.

### Contact

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