



**CONSTRUCTING  
EXPLAINABILITY**

# 1<sup>ST</sup> TRR 318 CONFERENCE

## EXPLAINING MACHINES

**23–24 JUNE 2022 | CITEC BIELEFELD UNIVERSITY**

Today's most advanced machine learning algorithms are often incomprehensible to humans, including those who designed them. How can we achieve an understandable explanation of their processes? This is currently one of the crucial questions for artificial intelligence projects. Should we be able to explain how machines work, or should the machines learn to explain themselves? The ambiguity in the title of our conference contains these two possibilities: machines explaining themselves or humans explaining machines – or maybe both at the same time.

Now more than ever, the challenge of artificial intelligence projects is as much social as technological, and our conference addresses this by stimulating the debate, presenting a variety of perspectives and insights developed by the social sciences in the context of XAI.

### Registration

[www.trr318.de/explaining-machines](http://www.trr318.de/explaining-machines)



### Speakers

- Cansu Canca, AI Ethics Lab
- Dominique Cardon, médialab Sciences Po
- Philipp Cimiano, Bielefeld University
- Elena Esposito, Bielefeld University and University of Bologna
- Mireille Hildebrandt, Radboud University Nijmegen and Free University of Brussels
- Tobias Matzner, Paderborn University
- Frank Pasquale, Brooklyn Law School
- Bernhard Rieder, University of Amsterdam
- Antoinette Rouvroy, University of Namur
- David Weinberger, Berkman Klein Center for Internet & Society at Harvard University