



Universität Hamburg

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## TAMING THE MACHINES

# TRAINING THE MACHINES? LESSONS ON THE POWERS OF OPEN DATA AND HUMAN MACHINE INTERFACES

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PUBLIC LECTURE  
SERIES



## About the lecture

In times when machines increasingly take over decisions, it is worth looking very closely at where the elementary methods are developed, which are then encapsulated in such automatons. In my talk, I will open up the notion of learning in all directions and discuss the many, often barely manageable, challenges of training machines. On the one hand, the focus will be on the big data hunger of machine learning, which leads to the fact that the availability of certain training data and trainers has a strong impact on common learning processes, and which actors can successfully compete here at all. On the other hand, I address the very limited possibilities to evaluate such algorithms. This starts already in training and the creation of ground truth, as well as the procedures to check the performance of the models, before one even starts to think about evaluating their real world implementation and possible social and ethical implications. What interfaces are even needed for the human in the loop? To what extent do we want and can we afford openness here?

**Wednesday, 12. January 2022, 18:15 – 19:45 (CET)**

**Flügelbau West, 2. OG, Raum W221  
Edmund-Siemers-Allee 1  
20146 Hamburg**

*Details to access the lecture will be made public at  
<http://uhh.de/inf-eit> on a timely basis.*

ETHIK IN DER  
INFORMATIONSTECHNOLOGIE

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