



Universität Hamburg
DER FORSCHUNG | DER LEHRE | DER BILDUNG

FAKULTÄT
FÜR MATHEMATIK, INFORMATIK
UND NATURWISSENSCHAFTEN

TAMING THE MACHINES

FAIR, TRANSPARENT, AND ACCOUNTABLE AI:

WHAT IS LEGALLY REQUIRED, WHAT IS ETHICALLY
DESIRED, AND WHAT IS TECHNICALLY FEASIBLE?

PROF. DR. SANDRA WACHTER (UNIV. OF OXFORD)

PUBLIC LECTURE
SERIES

About the lecture

Western societies are marked by diverse and extensive biases and inequality that are unavoidably embedded in the data used to train machine learning. Algorithms trained on biased data will, without intervention, produce biased outcomes and increase the inequality experienced by historically disadvantaged groups. To tackle this issue the EU commission recently published the Artificial Intelligence Act – the world's first comprehensive framework to regulate AI. The new proposal has several provisions that require bias testing and monitoring. But is Europe ready for this task? In this session I will examine several EU legal frameworks including data protection as well as non-discrimination law and demonstrate how despite best attempts they fail to protect us against the novel risks posed by AI. I will also explain how current technical fixes such as bias tests - which are often developed in the US - are not only insufficient to protect marginalised groups but also clash with the legal requirements in Europe. I will then introduce some of the solutions I have developed to test for bias, explain black box decisions and to protect privacy that were implemented by tech companies such as Google, Amazon, Vodafone and IBM and fed into public policy recommendations and legal frameworks around the world.

Tuesday, 5. December 2023
18:15–19:45 (CET)

ETHIK IN DER
INFORMATIONSTECHNOLOGIE

Kontakt: Prof. Dr. Judith Simon

Zoom Webinar

To register for the lecture use QR-code or uuh.de/inf-eit

