

A U S H A N G

FREIE UNIVERSITÄT BERLIN

Fachbereich Mathematik und Informatik

Promotionsbüro, Arnimallee 14, 14195 Berlin

DISPUTATION

Dienstag, 9. Juli 2024, 19:00 Uhr

Ort: Seminarraum 115 & [WebEx](#)
(Fachbereich Mathematik und Informatik, Arnimallee 3, 14195 Berlin)

Disputation über die Doktorarbeit von

Veronika Solopova

Thema der Dissertation:

Hybrid AI Systems in Automated Content Moderation and Analysis

Thema der Disputation:

**Debiasing Algorithms: solutions and challenges on the road to
Fairness**

Die Arbeit wurde unter der Betreuung von **Prof. Dr. C. Benz Müller** durchgeführt.

Abstract: In an era where artificial intelligence and machine learning are increasingly influencing decision-making processes across various sectors, ensuring fairness in these systems has become paramount. This talk, titled "Debiasing Algorithms: Solutions and Challenges on the Road to Fairness," delves into the critical issue of algorithmic bias and its implications for society. We will explore historical and state-of-the-art debiasing techniques designed to mitigate demographic bias in algorithms, scrutinize their effectiveness, and discuss the inherent challenges in achieving true fairness. By addressing both the technical and ethical dimensions, this talk aims to provide a comprehensive overview of current advancements and ongoing obstacles in the quest for equitable AI systems.

Die Disputation besteht aus dem o. g. Vortrag, danach der Vorstellung der Dissertation einschließlich jeweils anschließenden Aussprachen.

Interessierte werden hiermit herzlich eingeladen

Der Vorsitzende der Promotionskommission
Prof. Dr. C. Benz Müller