

The Philosophy of Data Science: Data Science Governance

Conference, 10 - 11 June 2022

This conference, hosted by the Centre for Human & Machine Intelligence (HMI) at the Frankfurt School of Finance & Management and part of the project group *Regulatory Theories of Artificial Intelligence* of the Centre Responsible Digitality (ZEVEDI), aims to bring together researchers from ethics, political philosophy, and philosophy of science to discuss questions surrounding the governance of data science.

The conference's guiding question is how to conduct, design and regulate data science for the public good. The proper guidance of data science requires the formulation of both moral and legal norms and frameworks, which may guide individuals, private corporations, as well as public and political institutions. The conference will approach this topic by looking at a range of different domains, exploring the specific challenges they raise and how they might call for different, custom-made solutions. These domains include, but are not limited to, healthcare, scientific research, transportation, surveillance, social media, law and law enforcement. In these domains, good data science governance is a matter of understanding and balancing a variety of often competing values and ideals, among which are responsibility, trust, fairness, accountability, privacy, cost-efficiency, as well as epistemic goods such as knowledge, understanding and predictive power.

When?

Friday, 10 and Saturday, 11 June 2022

Where?

Frankfurt School of Finance & Management
AI Lab, Level 4, A Tower
Adickesallee 32-34
60322 Frankfurt/Main, Germany
and **online**

The conference will be a **hybrid** event. **Registration** closes on **3 June**.

To **register** for in-person or online attendance, please visit <https://www.frankfurt-school.de/home/research/conferences-workshops/ds-2022>. There is no conference fee. Please direct any further enquiries to [s.koehler\[at\]fs.de](mailto:s.koehler[at]fs.de).

This event is organised by Gregory Wheeler, Peter Königs, and Sebastian Köhler. It is co-sponsored by the [Centre for Human & Machine Intelligence \(HMI\)](#), [Frankfurt School of Finance & Management](#), and part of the project group [Regulatory Theories of Artificial Intelligence](#) of the [Centre Responsible Digitality \(ZEVEDI\)](#).

Programme

Friday, 10 June 2022, 10:00 - 18:00 (CEST)

10:00 - 10:30: Welcome

10:30 - 12:00: Boris Babic, University of Toronto
The Explainability Bait and Switch

12:00 - 13:30: Lunch break

13:30 - 15:00: Cassandra Grützner, University of Halle-Wittenberg,
Maximilian Goldman & Moritz Appels, Mannheim University, **Rebecca C. Rühle**, VU Amsterdam
Behavioural data governance - the feasibility of data leak prevention through nudging

15:00 - 15:15: Oliver Buchholz, Tübingen University
Building Effective Guidelines for Machine Learning: Lessons from Means-End Epistemology

16:45 - 17:00: Coffee break

17:00 - 18:30: Sabina Leonelli, University of Exeter
Governing Data Circulation: An Underrated Concern for Scientific Inquiry

Saturday, June 11, 2022, 9:00 - 17:00 (CEST)

9:00 - 10:30: Kate Vredenburg, London School of Economics
Justified Algorithmic Decisions: Thresholds and Randomness

10:30 - 10:45: Coffee Break

10:45 - 12:15: Michael Da Silva, University of Ottawa/University of Southampton
Explainability, Public Reason, and Medical Artificial Intelligence

12:15 - 13:45: Lunch break

13:45 - 15:15: Mahdi Kalili, VU Amsterdam
Understandable Artificial Intelligence and Virtuous Characters

15:15 - 15:30: Coffee break

15:30 - 17:00: David Danks, University of California, San Diego
Governing Ethical Bias, not Statistical Bias

Gefördert durch



Hessische Staatskanzlei
Hessische Ministerin für
Digitale Strategie und Entwicklung



digitales.hessen