

Artificial Decision-Making

Autonomy — Responsibility — Control



3rd to 5th February 2022 | University of Münster

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Approach and Subject Areas

Artificial Intelligence (AI), and decisions made or prepared by AI, are among the greatest challenges of our time. Artificial decision-making is already fundamentally shaping our lives as well as changing our understanding of the world, our perception of each other, and our ways of communication, interaction, and exchange. These developments present challenges not only for law and legal science but also for many other sciences that must address both the potential and the risks inherent in artificial decision-making. An interdisciplinary academic debate about its social and legal impact is urgently needed to prepare the ground for our future with AI.

We have identified three separate, but interlaced, meta topics which may help to foster a fruitful interdisciplinary debate about AI: autonomy, responsibility, and control. Under these meta topics, we will discuss a variety of questions that bear relevance not only to law but also to philosophy, sociology, politics, theology, economics, and computer science. At the same time, the differing disciplinary perspectives will deepen our understanding of the legal questions arising from artificial decision-making.

Registration and Contact

The conference is open for registration until January 31, 2022. Please use the QR code or the online form at

<https://wwuindico.uni-muenster.de/e/aic>

For further information please email:
aiconference@wwu.de



The conference is free of charge.

Contact persons at WWU:

Stefan Arnold, Matthias Casper, Bettina Heiderhoff, Petra Pohlmann

The conference is organised by the Faculty of Law of the University of Münster.

It will be held via ZOOM.

All registered participants will receive the ZOOM-links via email on the day before the conference.



Thursday, 3rd February 2022 — Autonomy

Presentations

10.00 Benjamin Risse, University of Münster
Autonomy versus Automation: From "AI" to Algorithmization of Decisions

11.00 Visa Kurki, University of Helsinki
Analytic jurisprudence and the question of AI legal personhood

Coffee break

12.15 Sylvie Delacroix, Birmingham University
From Bottom-up Data Empowerment Tools to "Ensemble Contestability": When Autonomous Agency is Understood as a Capability

Workshops

14.30 - 16.30

Anthropocentric Principles and AI

Stefan Arnold/Matthias Casper/Dominik Schäfers/Stefan Harmeling/Anne Käfer/Benjamin Risse, critical friends Sylvie Delacroix, Antonio Krüger, Thomas Riehm

AI and Markets

Petra Pohlmann/Bernd Holznagel, critical friends Daniel Zimmer, Karl-Eberhard Hain

Coffee break

17.00 - 19.00

AI in Court Proceedings (Private Law)

Bettina Heiderhoff/Alexander Scheuch/Stefan Arnold/Gerald Mäsch, critical friends Caroline Meller-Hannich, Christian Heinze/Christopher Markou

AI in Court Proceedings (Criminal Law)

Michael Heghmanns/Frank Zimmermann, critical friends Eric Hilgendorf, Marc Engelhart, Dominik Brodowski

Friday, 4th February 2022 — Responsibility

Presentations

10.00 Stefan Harmeling, University of Düsseldorf
"I am sorry Dave, I am afraid I can't do that." — Is it responsible to give responsibility to machines?

11.00 Sven Nyholm, Utrecht University
Rethinking Responsibility: Praise, Blame and Artificial Intelligence

Coffee break

12.15 Michael Veale, University College London
Regulating AI in Encrypted Ecosystems

Workshops

14.30 - 16.30

Smart Contracts

Matthias Casper/Dominik Schäfers, critical friend Florian Möslin

Online Harms Reduction/Hate Speech

Bernd Holznagel/Nora Markard/Judit Bayer

Coffee break

17.00 - 19.00

Artificial Intelligence meets Sustainability: Challenges for Responsibility and Control (in German language)

Sabine Schlacke/Frank Zimmermann, critical friends Mario Martini, Michael Kolain

Constructing Liability for AI

Bettina Heiderhoff/Sebastian Lohsse/Alexander Scheuch, critical friends Piotr Machnikowski, Christian Heinze

Saturday, 5th February 2022 — Control

Presentations

10.00 Wojciech Samek, Fraunhofer Heinrich Hertz Institute
Farewell to the blackbox, welcome to transparent and certified AI

11.00 Madalina Busuioc, Leiden University
Accountable AI in the Public Sector

Coffee break

12.15 Nadja Braun Binder, University of Basel
Control of Government Use of Algorithms — the Example of Switzerland

Workshops

14.30 - 16.30

Algorithmic Accountability in Public Administration

Joachim Englisch/Sabine Schlacke, critical friends Madalina Busuioc, Nadja Braun Binder, Kai Härmand

Financial Markets and AI

Matthias Casper/Petra Pohlmann, critical friends Mirko Kraft, Oliver Brand, Gerhard Stahl

Data Patent Law (in German language)

Thomas Hoeren/Franziska Boehm

Coffee break

17.00 - 19.00

Cyber Surveillance, International Law Enforcement

Klaus Boers/Michael Heghmanns/Marcus Schaeff, critical friend Ass. Prof. Dr. Huang He, with presentation via ZOOM:

17.00 Sarah Brayne, University of Texas, *Predict and Surveil*

Data Contract Law (in German language)

Thomas Hoeren/Franziska Boehm