

(Unintended) Information in Human-Machine Interaction

Implications on the Individual and Societal Level

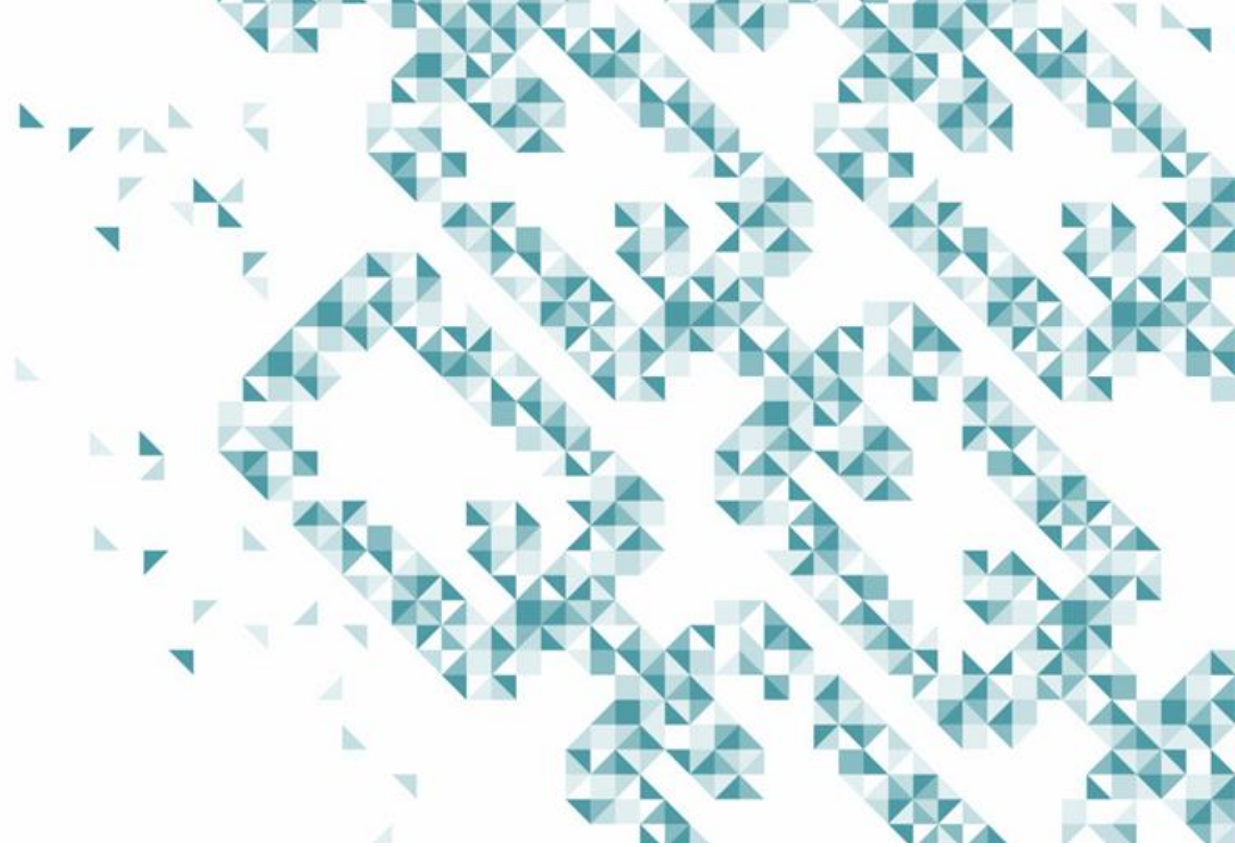
 21.04.2021 – 23.04.2021 (online)

Registration:

meliz-sema.kaygusuz@fernuni-hagen.de

Emmy Noether Research Group -
Philosophy of *Interaction*
between Humans & Machines

Forschungsschwerpunkt
digitale_kultur



 **Wednesday, 21.04.2021**

14.00-14.15	Welcome
Session 1	The Concept of Information in Informatics, Robotics and the Sciences
14.15-15.00	Klaus Mainzer (Munich): Human-Machine Interaction on the Way to AI-Supported Hybrid Cognitive Systems
15.00-15.45	Lars Johannsmeier (Munich): Connecting Humans, Robots and Learning. State of Things and Where to Go
15.45-16.00	Coffee Break
16.00-16.45	Hajo Greif (Munich): Augmented Reality. Natural Information in Artificial Environments
16.45-17.30	<i>Concluding Discussion</i>
17.30-18.00	Coffee Break
Keynote 1	
18.00-19.30	Pieter Adriaans (Amsterdam): Information and Interaction. A Philosophical Perspective on Two-Part Code Optimization and Self-Organizing Systems
19.30-20.30	Get Together

 **Thursday, 22.04.2021**

Keynote 2	
08.30-10.00	Julian Savulescu (Oxford): The Ethics of Artificial Intelligence. Moral Machines
10.00-10.15	Coffee Break
Session 2	The Concept of Information in the Humanities
10.15-11.00	Philipp Kellmeyer (Freiburg): Understanding Human-AI Interactions. A Hermeneutic and Phenomenological Perspective
11.00-11.45	Jörg Noller (Munich): Digitality, Virtuality, and Information
11.45-12.00	Coffee Break
12.00-12.45	Bert Heinrichs (Bonn): Aliens in the Space of Reasons?
12.45-13.30	<i>Concluding Discussion</i>
13.30-14.30	Lunch Break
Session 3	Ethics I
14.30-15.15	Vincent C. Müller (Eindhoven): Brain Surveillance. A Real Threat for Humans and for Some Philosophical Views
15.15-16.00	Jan-Hendrik Heinrichs (Juelich): Why Digital Assistants Need Your Information to Support Your Autonomy
16.00-16.15	Coffee Break
16.15-17.00	Matthias Uhl (Munich): How Machine Advice Shapes Our Moral Conduct
17.00-17.45	<i>Concluding Discussion</i>
17.45-19.00	Get Together



Friday, 23.04.2021

Keynote 3

8.30-10.00 Robert Sparrow (Melbourne): Slaves to the Algorithms?
Algocracy and Republican Liberty

10.00-10.15 **Coffee Break**

Session 4 **Ethics II**

10.15-11.00 Andreas Wolkenstein (Munich): Do Algorithm-Based Decisions
Need to be Explainable? The Ethics of Algorithms Meets
Social Epistemology

11.00-11.45 Brent Mittelstadt (Oxford): Bias Preservation in Fair Machine
Learning

11.45-12.00 **Coffee Break**

12.00-12.45 Tereza Hendl & Bianca Jansky (Augsburg): A Matter of
Justice. Why Digital Health Technologies Warrant an
Intersectional Feminist Perspective

12.45-13.30 *Concluding Discussion and Final Remarks*

We look forward to exciting discussions with you!

For updates and more information, please visit our page:

<https://www.fernuni-hagen.de/philosophie/medizinetik/forschung/mmi/index.shtml>

Join us on Twitter:

@InteractionPhil

Organizing committee:

Orsolya Friedrich
Sebastian Schleidgen
Andreas Wolkenstein

Call for Papers:
<https://www.springer.com/journal/13347/updates/18486844>
(Philosophy & Technology)
Deadline: 31/05/2021

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