

KICK-OFF SYMPOSIUM, NOVEMBER 7–8, 2019

# ARTIFICIAL INTELLIGENCE AND THE SOCIETY OF THE FUTURE

HERRENHAUSEN PALACE, HANOVER, GERMANY

The kick-off event offers an international platform for an intense and inspiring interdisciplinary exchange concerning Artificial Intelligence and its future impact on society. All grantees of the first call will present their research projects in three thematic sessions. Additionally, a poster session will provide the opportunity to discuss the results in greater detail. Acknowledged external specialists from relevant areas will contribute their expertise on recent developments in their field of research.

## PROGRAM

THURSDAY, NOVEMBER 7, 2019

**8:30 a.m.** Registration and Coffee

**9:30 a.m.** Opening – Volkswagen Foundation

*Auditorium*

Henrike Hartmann  
Head of Funding

Hanna Wielandt  
Program Director

FRANZ DETTENWANGER  
Program Director

**9:45 a.m.** **Keynote**

*Auditorium*

**Bias Crash Test Dummies: On AI and Ethics (not only) for Cars**

BETTINA BERENDT  
TU Berlin/Weizenbaum Institute for  
the Networked Society, Germany & KU  
Leuven, Belgium

**DISCUSSION WITH AUDIENCE**

**10:45 a.m.** Coffee Break

*UG Foyer*

**11:15 a.m.** **Full Grants – Session 1**

*Auditorium*

**Individualising & Democratizing Cancer Patient Care via Artificial Intelligence: Transdisciplinary Solutions & Normative Considerations**

FRUZSINA MOLNÁR-GÁBOR  
Heidelberg Academy of Sciences and  
Humanities, Germany

**What Actually is a Good and Fair Decision?**

KATHARINA ZWEIG  
Technische Universität Kaiserslautern,  
Germany

**Bias and Discrimination in Big Data and Algorithmic Processing. Philosophical Assessments, Legal Dimensions, and Technical Solutions**

DIETMAR HÜBNER  
Leibniz University Hannover, Germany

**12:30 p.m.** **Planning Grants – Lightning Talks 1**

*Auditorium*

**Explainable Intelligent Systems (EIS)**

HOLGER HERMANN  
Saarland University, Germany

**Can Software be "Responsible"?**

REINHARD KAHLE  
University of Tübingen, Germany

**Norm-Based Reasoning: From Legal and Moral Traditions to AI Systems**

ADRIAN PASCHKE  
Freie Universität Berlin and Fraunhofer  
FOKUS, Germany

**Xplanatorium**  
HERRENHAUSEN

## „AI-FORA“

PETRA AHRWEILER  
Mainz University, Germany

### Fair Artificial Intelligence Reasoning (FAIR)

FRANK MARCINKOWSKI  
Heinrich Heine University Düsseldorf,  
Germany

### EC-RIDER: Explainable AI Methods for Human-Centric Ridesharing

JÖRG MÜLLER  
Clausthal University of Technology,  
Germany

### DISCUSSION WITH AUDIENCE

#### 1:15 p.m. Lunch Break

Ballroom

#### 2:30 p.m. **Keynote** Machine Ethics and Collective Choice: Offline and Online

Auditorium

MARIJA SLAVKOVIK  
University of Bergen, Norway

### DISCUSSION WITH AUDIENCE

#### 3:30 p.m. **Full Grants – Session 2**

Auditorium

### COURAGE: A Social Media Companion Safeguarding and Educating Students

SABRINA EIMLER  
Ruhr West University of Applied  
Sciences, Germany

### The Implications of Conversing with Intelligent Machines in Everyday Life on People's Beliefs about Algorithms, their Communication Behavior and their Relationship Building

NICOLE KRÄMER  
University of Duisburg-Essen,  
Germany

#### 4:30 p.m. Coffee Break

UG Foyer

#### 5:00 p.m. **Planning Grants – Lightning Talks 2**

Auditorium

### How do Intelligent Machines see the World? Breaking the Black Box and Designing Tools for a Transparent AI

MAYA INDIRA GANESH  
Karlsruhe University of Arts and  
Design, Germany

### Mind the Game! Computer Games Driving AI and Transforming Society

MARKUS RAUTZENBERG  
Folkwang University of the Arts,  
Germany

### AI as 'Virtual Citizen': Placing Learning Machines and Humans in Spaces of Negotiation

UWE VORMBUSCH  
Fern Universität in Hagen, Germany

### Unbiased Bots That Build Bridges (U3B): Technical Systems that Monitor and Support Political Deliberation Online

PHILIPP CIMIANO  
Bielefeld University, Germany

### Decision Making in AI-Assisted Online Environments

STEPHAN LEWANDOWSKI  
Max Planck Institute for Human  
Development, Berlin, Germany

### Towards Principles for Reasonable Image Inferences

JENS GROSSKLAGS  
Technical University of Munich,  
Germany

### DISCUSSION WITH AUDIENCE

#### 6:00 p.m. **Poster Session**

UG Foyer

#### 7:30 p.m. **Conference Dinner**

Ballroom

FRIDAY, NOVEMBER 8, 2019

9:30 a.m. **Short Contributions and Open Discussion with Plenum**

*Auditorium*

**From Verification to Certification: Perspectives of the German Steering Group for AI-Standardization**

KLAUS MAINZER  
Technical University Munich, Germany

**What can we reasonably expect 'regular people' to understand about automated systems – and how do we deal with the fact that it's not much?**

MATTHIAS SPIELKAMP  
AlgorithmWatch, Berlin, Germany

**Towards a European Approach to AI**

STEFAN HEUMANN  
Stiftung Neue Verantwortung, Berlin, Germany

11:00 a.m. **Coffee Break**

*UG Foyer*

11:30 a.m. **Full Grants – Session 3**

*Auditorium*

**RethiCare - Re-Thinking Care Robots**

EVA HORNECKER  
Bauhaus-Universität Weimar, Germany

12:00 p.m. **Planning Grants – Lightning Talks 3**

*Auditorium*

**Statistical Learning in Hybrid Systems**

MICHAEL WAND  
Mainz University, Germany

**SmartSlum: Smart Water Consumption Landscapes for Urban Slum Areas**

XIAOXIANG ZHU  
Technical University of Munich, Germany

**Effects of the Omnipresence of Medical Artificial Intelligence on the Relationship between Health-Professional and Patient**

PHILIPP SLUSALLEK  
German Research Center for Artificial Intelligence, Saarbrücken, Germany

**State-Business Relations and the Art of Living with AI Technologies in Europe, the United States and China**

SABRINA HABICH-SOBIEGALLA  
Freie Universität Berlin, Germany

**Consequences of Artificial Intelligence for Urban Societies (CAIUS)**

KAI ECKERT  
Hochschule der Medien, Stuttgart, Germany

**Bridging the Structural Competence Gap for AI in HR**

SEBASTIAN STILLER  
Technische Universität Braunschweig, Germany

**The Shape Of Things To Come - Rehearsing Future Societies With Artificial Intelligence**

DIANA SERBANESCU  
The Weizenbaum Institute for the Networked Society, Berlin/ Technical University Berlin, Germany

**DISCUSSION WITH AUDIENCE**

12:45 p.m. **Closing Remarks**

*Auditorium*

1:00 p.m. **Lunch and Farewell**