

# The Humboldt Academia in Society Summit: Facing the AI Revolution

20 – 21 JUNE 2022, CAFE MOSKAU, BERLIN (PART-HYBRID SETUP)

## Agenda

Artificial intelligence is transforming the world. Its influence permeates every facet of our daily lives, raising great hopes and aspirations as well as equally large uncertainties.

AI has already brought fundamental changes to science and research. It has propelled cutting-edge research that is delivering tangible benefits for society, ranging from medical imaging and vaccine development to climate modelling. AI is an indispensable tool for tackling the grand global challenges of our time. However, there are also ethical, social and legal challenges posed by its development, implementation, and integration.

The Alexander von Humboldt Foundation will continue its role in the global endeavor to advance AI research by funding outstanding individuals and encouraging them to attract inspired, young talents. The Foundation's approach to AI research is holistic. We believe the cooperation between different sub-fields, from engineering to ethics and law, is necessary for AI to become an equitable resource for all of humanity.

In this spirit, the Humboldt Academia in Society Summit aims to examine AI research from different perspectives to better address how AI can be used to benefit humanity around the world, while carefully contemplating unforeseen pitfalls.


## **In particular, the Conference shall discuss the following core questions:**

- To what extent can AI help to address the most pressing environmental crises?  
To what extent can AI exacerbate the problems?
- How can we ensure AI development is human-centered and its applications serve a societal good?
- What is the future of AI in science and research? How can we ensure AI's accessibility to researchers around the world?

# Program

## Monday, 20 June

7.00 pm **Welcome Dinner at the Conference Hotel** (on site)

**Dinner Speech:**  
 **Stuart Russell**  
University of California, Berkeley

## Tuesday, 21 June

10.00 am – 10.30 am **Introduction** (on site and online)

**Opening remarks**

**Prof. Hans-Christian Pape**

President Alexander von Humboldt Foundation

**Dr. Jens Brandenburg**

Parliamentary State Secretary to the Federal Minister  
of Education and Research

10.30 am – 12.30 pm **Keynote and Panel 1** (on site and online)

10.30 am – 11.15 am

**Keynote**

**Kate Crawford**

USC Annenberg

11.15 am – 12.15 pm

**Panel 1: AI and environmental challenges**

- How can AI applications help to address the most pressing environmental crises of our time?
- In how far does AI's energy hunger exacerbate the problems?
- How should AI research proceed in this area?

**Prof. Aimee van Wynsberghe**

University of Bonn

**Prof. Dr. Felix Creutzig**

Mercator Research Institute on Global Commons and Climate Change

**Prof. Claire Monteleoni**

University of Boulder Colorado

12.15 pm – 1.15 pm

**Break**

## Tuesday, 21 June

1.15 pm – 1.45 pm

### Intelligent Art

(on site and online)



A conversation with  
**Minne Atairu**, metalab Harvard, United States

1.45 pm – 2.45 pm

### Panel 2: AI and Society

(on site and online)

- What is “human-centered AI” and how can it be implemented?
- What are opportunities and threats of AI applications for democracy and social cohesion?
- What is the role of policy and regulation?

#### Prof. Holger Hoos

RWTH Aachen

#### Damini Satija

Amnesty International

#### Prof. Vincent C. Müller

FAU Erlangen-Nürnberg

2.45 pm – 3.15 pm

### Break

3.15 pm – 4.15 pm

### Panel 3: The Future of AI in Science and Research (on site and online)

- How will AI affect science and research in the future?
- How can AI research become more diverse and inclusive?
- How can we ensure that AI is accessible to researchers around the world?



#### Alexandra Geese, MEP

Special Committee on Artificial Intelligence in the Digital Age

#### Prof. Aldo Faisal

Imperial College London

#### Dr. Ulrich Paquet

The Deep Learning Indaba

4.30 pm

### Finish

from 6.30 pm

### Dinner

(on site)



WILL ATTEND VIRTUALLY.

