

CALL FOR PAPERS
Conference and edited volume

Artificial intelligence and the human –
Cross-cultural perspectives on science and fiction

A Japanese-German conference in Berlin, Germany

12 and 13 May 2022

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Edited volume (2023)

Current debates on artificial intelligence often conflate the realities of AI technologies with the fictional renditions of what they might one day become. They are said to be able to learn, make autonomous decisions or process information much faster than humans, which raises hopes and fears alike. What if these useful technologies will one day develop their own intentions that run contrary to those of humans?

The line between science and fiction is becoming increasingly blurry: what is already a fact, what is still only imagination; and is it even possible to make this clear-cut distinction? Innovation and development goals in the field of AI are inspired by popular culture, such as its portrayal in literature, comics, film or television. At the same time, images of these technologies drive discussions and set particular priorities in politics, business, journalism, religion, civil society, ethics or research. Fictions, potentials and scenarios inform a society about the hopes, risks, solutions and expectations associated with new technologies. But what is more, the discourses on AI, robots and intelligent, even sentient machines are nothing short of a mirror of the human condition: they renew fundamental questions on concepts such as consciousness, free will and autonomy or the ways we humans think, act and feel.

Imaginations about the human and technologies are far from universal, they are culturally specific. This is why a cross-cultural comparison is crucial for better understanding the relationship between AI and the human and how they are mutually constructed by uncovering those aspects that are regarded as natural, normal or given. Focusing on concepts, representations and narratives from different cultures, the conference aims to address two axes of comparison that help us make sense of the diverse realities of artificial intelligence and the ideas of what is human: *Science and fiction, East Asia and the West*.

Papers are invited on the following topics (among others):

- Which meanings and functions are ascribed to AI technologies and robots?
- How is science informed by popular discursive images of AI?
- Which cultural differences are there concerning the relationship between the natural and the artificial? What are the particular traditions of how to represent the human and its technological surrogates?
- What can the different cultural and conceptual histories tell us about our present and future with artificial intelligence?

Besides papers on these more general topics, we also invite **case studies on innovative technologies and their fictional precursors** as well as **on the social, ethical or political contexts in which they are applied**. All contributions are expected to address the **comparative perspective on East Asian and Euro-American discourses**.

Relevant issues and perspectives for these comparisons include but are not limited to cyberpunk and science-fiction in literature and film, public debates and imaginations of AI, the relation between simulation and reality, materiality, historical and legal accounts, sociotechnical imaginaries and politics.

We welcome contributions from scholars of diverse disciplines, such as cognitive science, computer science, cultural studies, literature and film studies, media and communication studies, psychology, political science, science and technology studies or sociology. Interdisciplinary approaches (e.g., those combining social, cultural and technical perspectives) as well as perspectives from practitioners and developers are particularly encouraged.

Submission process

- **Extended abstracts** of approximately 4,000 to 6,000 characters in length (excl. references) should be submitted no later than **20 September 2021** to ai21@hiig.de
- Speakers will be notified by **15 November 2021**.

Conference and publication of selected papers in an edited volume

- The conference will take place on **Thursday 12 and Friday 13 May 2022** in Berlin.
- Invitations for the submission of selected full manuscripts sent out in **June 2022**.
- **Full manuscripts** of between 30.000 to 50.000 characters (excluding references) to be submitted by **September 2022**.
- Comprehensive review returned to authors in **December 2022**; **final papers due in February 2023**.
- The **edited volume** will be **published in mid-2023**.

If you have any questions, you can contact the conference organisers via ai21@hiig.de.
For more information, visit our website at hiig.de/events/ai21.

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