

Online auf Zoom

9. Dezember 2021 | 18-19.30 Uhr

Artificial intelligence meets human intelligence

characteristics and differences



**Donnerstag, 9. Dezember 2021,
18-19.30 Uhr**

Online auf **Zoom**

Den Zugangslink verschicken wir
nach Anmeldung unter
info@humanistische-akademie-bb.de

Ein Onlinevortrag im Rahmen der Veranstaltungsreihe
[Intelligent Design? Wie der Mensch sich neu entwirft](#)
des Dialogs der Waltanschauungen.



Artificial Intelligence (AI) is currently taking an important role in our lives. Many of the technologies we use in our everyday lives incorporate the implementation of a learning algorithm that is in some aspects inspired by human intelligence and learning. Such technological advances of the past several decades have led deep learning-based algorithms to learn relevant features from large-scale datasets and mimic human behavior. But, what are the mechanisms behind these learning algorithms? And, what characteristics make them similar or different to human learning? What ethical considerations and consequences are there when machines become more intelligent in their actions?

In this talk, **FATMA DENIZ** will combine intuitive explanations to the methods of artificial intelligence and provide examples of technological, social, and ethical challenges that arise.

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Senatsverwaltung
für Kultur und Europa





FATMA DENIZ is a junior group leader and principal investigator at the Technical University Berlin and University of California, Berkeley. Dr. Deniz uses machine-learning approaches and large-scale brain data to understand how information is represented in the brain. Her work is at the intersection between computer science, human cognition, and neuroscience. She is a passionate coder, baker, and she loves to play the cello.



The talk will be moderated by **THOMAS GOERTTLER**, research associate and PhD student at TU Berlin. He studied computer science and statistics and is interested in machine learning. Currently, he is researching methods for quantifying deep neural networks.

Der Vortrag findet auf Englisch statt. Anschließende Fragen beantwortet Fatma Deniz auf Deutsch und Englisch.