Female Scientists Lecture Series

Lecture by Prof. Dr. Alicia von Schenk

TECHNISCHE UNIVERSITÄT DARMSTADT

"Behavioral Economic Aspects in Dealing with Artificial Intelligence"

Prof. Dr. Alicia von Schenk
(Professor for Applied Microeconomics, esp. Human-Machine Interaction, University of Würzburg)

15.09.2023
13:30 – 15:30 pm
@ Goethe University Frankfurt, IG-Farben-Haus – IG 1.314 (Eisenhower-Raum)

Privacy and Trust for Mobile Users

DFG Deutsche Forschungsgemeinschaft

Abstract:

Prof. Dr. Alicia von Schenk

(Professor for Applied Microeconomics, esp. Human-Machine Interaction, University of Würzburg)

The lecture "Behavioral Economic Aspects in Dealing with Artificial Intelligence" will address the possibilities and risks of human interaction with AI systems and present empirical and experimental research results. On the one hand, increasingly more accurate data-driven predictions offered by AI algorithms can contribute to personalized work environments. Furthermore, algorithmically supported institutions - if accepted - could improve collaboration. On the other hand, less prosocial behavior can be observed when decisions are only a part of Big Data or when the distance between humans and algorithmic agents is too great. The lecture will also address the acceptance of AI systems in morally controversial applications and consider the example of lie detection.

Short Bio:

Alicia von Schenk has been a Junior Professor of Applied Microeconomics, in particular Human-Machine Interaction, at the Julius Maximilians University of Würzburg since September 2022; she was appointed professor at the age of 26. After receiving her doctorate (Dr. rer. pol.) in economics summa cum laude from the Goethe University in Frankfurt, she was a postdoctoral fellow at the Center for Humans and Machines of the Max Planck Institute for Human Development in Berlin. Previously, she studied mathematics first in Heidelberg and then in Frankfurt, while also studying economics in parallel. She completed her studies with an M.Sc. in Mathematics and an M.Sc. in Quantitative Economics. Her research and teaching in the context of her assistant professorship focuses, among other things, on the impact of intelligent algorithms on organizations and on human behavior and decision-making.