

Opportunities and Risks of Digital Transformation in Finance and Beyond Conference, 2-3 June 2022

Digital technologies such as artificial intelligence, cloud computing and blockchain are key drivers of modern finance. The enormous breadth of use cases and applications is illustrated by buzzwords such as FinTech, RegTech, Big Data, Central Bank Digital Currency (CBDC) and algorithm-based credit scoring. At the same time, the development of a normative regulatory framework for banks, customers, supervisors and central banks is only just beginning. Given the diversity and complex interaction of financial market actors, legislators as well as regulators face considerable challenges. Against this background, the ZEVEDI-project group *AI & Finance – Innovation, Resilience and Responsibility* brings together research from the fields of law, economics, information systems research and computer science. The focus is on questions of technological innovations and regulatory design for core application areas in finance and closely related industries.

This virtual panel and conference will bring together renowned experts to discuss the latest research and case studies on the opportunities and risks of digital transformation in finance and beyond. The fairness of credit scoring models, the ramifications of human-AI collaboration, and the legal foundations of CBDC are just a small selection of topics that will be covered at this event.

When?

Thursday, 2 June 2022, 16:00 - 18:00 (CEST) - Virtual Panel

Friday, 3 June 2022, 9:00 - 17:15 (CEST) - In Person Conference with Livestream

Where?

Virtual Panel & Livestream:

Online via Zoom

In Person Conference:

Gästehaus Goethe University Frankfurt am Main (Vortragssaal)

Frauenlobstr. 1

60487 Frankfurt am Main

Please **register** via

<https://www.eventbrite.de/e/opportunities-and-risks-of-digital-transformation-in-finance-and-beyond-tickets-306368665927>

If you do not wish to use eventbrite, please contact [spiegel\[at\]jura.uni-frankfurt.de](mailto:spiegel[at]jura.uni-frankfurt.de).

If you would like to participate **on-site**, please register by **12 May**. A conference fee of 35€ will be charged for catering on-site.

Virtual attendance is free of cost. Please register for **virtual participation** by **2 June**.

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Programme

Thursday, 2 June 2022, 16:00 - 18:00 (CEST) Virtual Panel

16:00 - 17:00: *The Perils of Algorithmic Decision-Making*

- **Deborah Hellmann**, University of Virginia Law School
The Algorithmic Leviathan
- **Mireille Hildebrandt**, Radboud/Brussels University
The Issue of Proxies and Choice Architectures

Moderator:

Katja Langenbucher, Goethe University Frankfurt

17:00 - 18:00: *FinTech Case Studies - Panel and Discussion*

- **Howell Jackson**, Harvard Law School
- **Anjana Susarla**, Michigan State University

Moderator:

Alexander Benlian, TU Darmstadt

Friday, 3 June 2022, 9:00 - 17:00 (CEST) In Person Conference with Livestream

9:00 - 9:15: *Opening remarks*

Katja Langenbucher, Goethe University Frankfurt

9:15 - 10:45: *Algorithmic Credit Scoring*

- **Christophe Perignon**, HEC Paris
The Fairness of Credit Scoring Models
- **Tobias Berg**, Frankfurt School of Finance & Management
Credit Scoring using Digital Footprints

Moderator:

Oscar Stolper, Philipps University Marburg

10:45 - 11:00: Coffee break

11:00 - 12:30: Human-AI Collaboration

- **Wolf Ketter**, University of Cologne
Human-AI Collaboration: Will Humans become Borgs?
- **Xitong Li / Cathy Yang Liu / Oliver Hinz / Kevin Bauer**, HEC Paris / Leibniz Institute for Financial Research SAFE / Goethe University Frankfurt
Is human AI-Advice better than human or AI advice?

Moderator:

Oliver Hinz, Goethe University Frankfurt

12:30 - 13:30: Lunch break

13:30 - 15:00: Explainable AI

- **Barbara Hammer**, Bielefeld University
Machine Learning Methods and Data Peculiarities
- **Stefan Feuerriegel**, Ludwig-Maximilians-University München
Bringing Explainable AI into Management: Challenges and Opportunities

Moderator:

Carsten Binnig, TU Darmstadt

15:00 - 15:15: Coffee break

15:15 - 16:45: Central Bank Digital Currencies (CBDC)

- **Ulrich Bindseil**, EZB
The Digital Euro Project
- **Corinne Zellweger-Gutknecht**, University of Basel
CBDC and its Legal Framework

Moderator:

Roland Broemel, Goethe University Frankfurt

16:45 - 17:00: Concluding discussion

17:00 - 17:15: Closing remarks

Alexander Benlian, TU Darmstadt

Gefördert durch



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