

AGENDA SUPTECH EVENT III



Blockchain and Cyber Risk Management

FIN-TECH EU Horizon2020
www.fintech-ho2020.eu

17.05-16.06.2021
Copenhagen, Denmark



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17th May 13-15 Blockchain, supervisory technology and explainable AI

General brief of interest to all FSA employee

Agenda	
Frankfurt School Blockchain Center	Economic implications and challenges of the technical implementation of the digital euro IoT payment infrastructures
5 min.	Introduction (Dr. Jochen Papenbrock, board member of EU Horizon2020 project FIN-TECH)
20 min.	Introduction (Prof. Dr. Philipp Sandner, Frankfurt School Blockchain Center - FSBC)
25 min.	Digital Euro, CBDC (Jonas Gross, FSBC und Digital Euro Association)
25 min.	IoT Payments Infrastructure (Maximilian Forster, CashOnLedger)
20 min.	Discussion
Humboldt University	
20 min.	What is Blockchain? (Min-Bin Lin)
5 min	Q&A

2nd June 13-15 Smart contracts and classification of smart contracts

In depth session for employees with profound interest

- Smart contracts related talk from lawyers perspective + Understanding Crypto currencies

(Raphael Reule)

- Understanding smart contracts (Elizaveta Zinovyeva)

16th June 13-15 Cyber risk analysis, explainable AI and Crypto Financial Risk meter

Deep dive for employee with extensive knowledge

- Cyber risk analysis including Explainable AI plus Q&A (Emanuela Raffinetti)
- Libra or librae? (plus Q&A, Tom Leach)
- Brief update on Crypto Financial Risk Meter (Anna Shchkina)

Registration form:

<https://docs.google.com/forms/d/e/1FAIpQLSdDwTg0X7Bltd4cGMkh57GDddZt91xIsfQjt7ShT0oGKz2uWQ/viewform>

Evaluation form:

https://docs.google.com/forms/d/e/1FAIpQLScFPofcvNF_m3A9iXh47UELMjrzx0D6Cx1HMI6V8yOCUeavA/viewform

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FinTech (Financial Technology) means "technology- enabled financial innovation." There is a strong need to improve the competitiveness of European FinTech, creating a common regulatory approach across all countries. This can help encourage innovations in banks and in B2B FinTech companies, in the application of big data, artificial intelligence and blockchain technologies, while authorities and researchers assess their risks. Europe has a broad mosaic of regulatory landscapes and technological innovations in finance. Regulators must move quickly and make important decisions about emerging scientific and business opportunities, without stifling their economic potential. The Fin-Tech project, under the EU's Horizon2020 funding scheme, aims to create a European FinTech risk management hub. To this end, it will develop ready-to-use FinTech risk management models which will be dynamically updated and aligned with best research and practice.

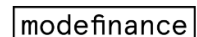
The project includes training to national regulators (suptech) and to European fintech hubs (regtech) by a group of independent experts that have leading research expertise in the measurement of the risks that arise from the application of big data, artificial intelligence and blockchain technologies and, specifically, of those arising from innovative payments, peer to peer lending and financial robo-advisory.

The project has started on January 1st, 2019 and will last until June 2021. The activities of the project include 6 research workshops with international regulators, 48 hours of suptech workshops for each national supervisor and 6 regtech workshops for Fintechs and innovative banks. Financial institutions will be the ultimate validator of the proposed FinTech risk management solutions, as the project will involve the risk management functions of a selected group of banks in writing a final assessment of the project's output (FinTech risk management models).

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 825215



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Speaker Bios (Excerpt)

Prof. Dr. Philipp Sandner has founded the Frankfurt School Blockchain Center (FSBC). From 2018 to 2020, he was ranked as one of the “top 30” economists by the Frankfurter Allgemeine Zeitung (FAZ), a major newspaper in Germany. Further, he belonged to the “Top 40 under 40”—a ranking by the German business magazine Capital. Since 2017, he has been a member of the FinTech Council of the Federal Ministry of Finance in Germany. He is also on the Board of Directors of Avaloq Ventures and of the Blockchain Founders Group, a Liechtenstein-based venture capital company focusing on blockchain startups.

The expertise of Prof. Sandner includes blockchain technology in general, crypto assets such as Bitcoin and Ethereum, the digital programmable Euro, tokenization of assets and rights and digital identity.



Maximilian Forster is Co-Founder of CashOnLedger Technologies GmbH. He is a member of the AG Digital Finance of The Economic Council, a member of the AG Payments & Blockchain at Bitkom e.V. and founding member of Blockchain Bayern e.V. Additionally, Maximilian is a Private Sector Expert for the Financial Action Task Force (FATF) as well as a public spokesperson for the European Commission & Parliament. Previously, he helped build KPMG and Accenture's DLT and Blockchain service offering and worked as a technology investment expert at Picus Capital. Maximilian has contributed to a number of publications, including Goethe University Frankfurt's "Handbook of Digital Banking", Bitkom's "Digital Euro on the Blockchain" and WCLF's "Tax und IP Gesprächsband 2019". He holds a master's degree from Copenhagen Business School.



Min-Bin Lin is currently a PhD researcher at the International Research Training Group (IRTG) 1792 “High Dimensional Nonstationary Time Series” and Blockchain Research Center (BRC) of the Humboldt-Universität zu Berlin, Germany. He received his master degree in Industrial Engineering and Engineering Management from the National Tsing Hua University, Taiwan. His research interests center on blockchain technology and its analytics aiming to contribute towards a better understanding of blockchain technology from dynamical, statistical, and economic perspectives and further solve the problems discovered in the blockchain ecosystem.



Jonas Gross is a project manager at the Frankfurt School Blockchain Center (FSBC), a think tank at the Frankfurt School of Finance & Management. The Frankfurt School Blockchain Center analyzes the impact of blockchain technology and cryptocurrencies on companies' business models and their macroeconomic implications. After finishing his master's degree in Economics, Mr. Gross started his Ph.D. at the University of Bayreuth (Germany) about digital currencies.

His main research focus are central bank digital currencies, stablecoins, and cryptocurrencies. Furthermore, Mr. Gross is co-founder of the Digital Euro Association (DEA), co-host of the podcast "Bitcoin, Fiat, & Rock'n' Roll", and member of the expert panel of the European Blockchain Observatory and Forum.

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