



## Program

### 4<sup>th</sup> ForDigital Blockchain Workshop

#### Day 1 - 02.03.2020

13:00 - 14:00 Lunch & Registration

#### Session 1

14:00 - 15:30	Pedro Moreno Sanchez TU Wien	Security, privacy, scalability and interoperability in blockchain technologies
	Stefanie Roos TU Delft	Challenges and Partial Solutions for Payment Channel Network Routing

15:30 - 16:00 Coffee Break & Networking

#### Session 2

16:00 - 18:00	Felix Engelmann, Julian Nickerl Universität Ulm	Auction-based Evolution of Payment Channel Overlay Networks
	Matthias Grundmann Karlsruhe Institute for Technology	Rethinking Blockchain Layers: Do Payment Channel Networks Need a Blockchain?
	David Mödinger Universität Ulm	Blockchain Network Effects and Privacy
	Tim Ruffing Blockstream	Taproot in 3 minutes
	Jonas Nick Blockstream	Bitcoin Improvement Proposals
	Sven Reimers, Niels Hackius TU Hamburg	ChainLog
	Susanne Stahnke TU München	Industrial Blockchain Use Case at Siemens
	Martin Florian Weizenbaum Institute	Analysis of Federated Byzantine Agreement Systems
	Sebastian Henningsen Weizenbaum Institute	Mapping the Interplanetary Filesystem
	Francesco De Collibus Universität Zürich	
19:00	Dinner	Hoepfner-Burg

## Day 2 - 03.03.2020

### Session 3

- 09:00 - 10:30 Matteo Romiti  
AIT Austrian Institute of Technology  
Cryptocurrency analytics with GraphSense
- Colin Andrews  
Grid Singularity  
Simulate and deploy decentralised energy markets with Grid Singularity's D3A
- Godwin Okwuibe,  
Mukund Wadhwa  
OLI Systems GmbH  
Integration of automated bid strategies into local electricity market
- 10:30 - 10:50 Coffee Break

### Session 4

- 10:50 - 11:20 Fabian Eska  
Karlsruhe Institute for Technology  
Price Sensitivity in the Crypto Market
- Florian Spychiger  
Universität Zürich  
Incentive Systems in Blockchains
- Ingolf Pernice  
HU Berlin  
Cryptocurrencies and the velocity of money

### Session 5

- 11:20 - 12:30 Alexander Kaiser  
Blockfinity  
Token model for the energy market  
– Requirements, Design, Implementation
- Michel Zadé  
TU Munich  
RegHEE – Local Trade and Labelling of Electricity from Renewable Sources on a Blockchain Platform:  
Do blockchains add value to local energy markets
- Seyedfarzad Sarfarazi  
Deutsches Zentrum für Luft- und Raumfahrt  
Analysis of community energy supply business  
Models from actor and market perspective
- 12:30 - 13:30 Lunch & Networking

### Session 6 - Local Energy Markets

- 13:30 - 14:00 Enrique Kremers  
EIFER  
SoLAR - Decentralized energy management for districts to increase local self-consumption
- Armin Golla,  
Christof Weinhardt  
Karlsruhe Institute for Technology  
Smart Microgrids as a Service
- 14:00 - 15:30 Workshop
- 15:30 - 16:00 Coffee Break & Networking
- 16:00 Final discussion