

CONFERENCE PROGRAM: [TOKENOMICS 2022](#), PARIS

DAY 1, Monday December 12th

9 - 9.15 am

Reception and Welcome

9.15 - 10.45 am

Session 1: MEV and front-running

Credible Decentralized Exchange Design via Verifiable Sequencing Rules,
Matheus V. X. Ferreira and *David C. Parkes*.

The Evolution of Blockchain: From Public to Private Mempools,
Ruizhe Jia, **Agostino Capponi** and *Ye Wang*.

Commitment Against Front Running Attacks,
Andrea Canidio and *Vincent Danos*.

10.45 - 11.15 am

Coffee Break

11.15 - 12.45 pm

Session 2: DeFi

The Need for Fees at a DEX: How Increases in Fees Can Increase DEX Trading
Volume,
Joel Hasbrouck, **Thomas Rivera** and *Fahad Saleh*.

Interest Rate Parity in Decentralized Finance,
Amit Chaudhary, *Roman Kozhan* and *Ganesh Viswanath-Natraj*.

Token Incentives and Platform Competition: a Tale of two swaps,
Xiaofeng Liu, *Wei Chen* and *Kevin Zhu*.



12.45 - 2.15 pm

Lunch

2.15 - 3.15 pm

Invited talk 1

Hanna Halaburda, NYU Stern School of Business
'How Blockchain Tokens are Changing Platform Economics'

3.15- 3.45 pm

Coffee break

3.45 - 5.15 pm

Session 3: Blockchain, CBDC and Payments

The Demand for Programmable Payments,
Charles Kahn and **Maarten van Oort**.

CBDC and Payment Platform Competition,
Youming Liu, **Edona Reshidi** and **Francisco Rivadeneyra**.

Central Bank Digital Currency and Banking Choice: The Impact of Service
Location,
Andrew Usher, **Jiaqi Li** and **Yu Zhu**.

End of the first day



DAY 2, Tuesday, December 13th

9 – 10 am

Invited talk 2

Claudine Hurman, Banque de France, Director of Infrastructures, Innovation and Payments

'Regulating crypto-assets and experimenting CBDC: two sides of the same coin'

10- 10.30 am

Coffee Break

10.30 am - 12 pm

Session 4: Smart contracts, oracles and AMMs

Axioms for Constant Function AMMs,
Jan Christoph Schlegel and Akaki Mamageishvili.

Consistency of automated market makers,
Vincent Danos and **Weijia Wang**.

An Impossibility Theorem on Truth-Telling in Fully Decentralized Systems,
Rod Garratt and Cyril Monnet.

12-1.15 pm

Lunch

1.15 - 2.15 pm

Invited talk 3

Elias Koutsoupias, University of Oxford
'Algorithmic game theory and blockchains'

2.15- 2.45 pm

Coffee Break



2.45 - 4.45 pm

Session 5: Efficiency of Blockchain protocols

Equilibrium Staking Levels in a Proof-of-Stake Blockchain,
*Kose John, **Thomas Rivera** and Fahad Saleh.*

Maximal Extractable Value (MEV) Protection on a DAG,
*Dahlia Malkhi and **Pawel Szalachowski.***

An Economic Model of Consensus on Distributed Ledgers,
*Hanna Halaburda, **Zhiguo He** and Jiasun Li.*

QPQ 1DLT: A System For the Rapid Deployment of Secure and Efficient
EVM-Based Blockchains,
*Simone Bottoni, Anwitaman Datta, Federico Franzoni, Emanuele Ragnoli,
Roberto Ripamonti, **Christian Rondanini**, Gokhan Sagirlar and Alberto
Trombetta.*

4.45 - 5 pm

*Keyrock best paper prize
Farewell and closing*

End of the Conference



Chaire de recherche
**FINANCE
DIGITALE**



INPUT | OUTPUT

