

2025 IEEE International Conference on Blockchain and Cryptocurrency (ICBC 2025)

**Pisa, Italy
2-6 June 2025**



**IEEE Catalog Number: CFP25BLO-POD
ISBN: 979-8-3315-4136-1**

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IEEE Catalog Number:	CFP25BLO-POD
ISBN (Print-On-Demand):	979-8-3315-4136-1
ISBN (Online):	979-8-3315-4135-4
ISSN:	2832-8892

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13:20 *Practical Demo: IoT & Blockchain for Food Safety...N/A*

Azmat Ullah (University of Camerino, Italy & University of Cagliari, Italy); Maria Iliaria Lunesu, Lodovica Marchesi and Roberto Tonelli (University of Cagliari, Italy)

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Jeffson Celeiro Sousa (Universidade Federal Do Pará & CPQD, Brazil); Elder Bruno Evaristo Correa (CPQD, Brazil); Alan Veloso (Federal University of Pará, Brazil); Vinicius Duarte and Mauricio Pinto (CPQD, Brazil); Antonio Jorge Gomes Abelem (Federal University of Pará - UFPA, Brazil)

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17:25 *Proactive Market Making and Liquidity Analysis for Everlasting Options in DeFi Ecosystems...639*

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17:42 Toward Resilient Airdrop Mechanisms: Empirical Measurement of Hunter Profits and Airdrop Game Theory Modeling...644

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Friday, June 6

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WS1: WorkshopsMorning

8:30 CrossCoin: An International CBDC System with Optimal Investments...N/A

Aditya Ahuja (TCS Research, India); Sachin Lodha (Tata Research Development and Design Centre, India)

8:42 Relationship Between Total Value Locked and the Yield Dynamics of Liquid Restaking Tokens...N/A

Faris Chaudhry (Imperial College London, United Kingdom (Great Britain))

8:54 Analysing Vulnerabilities in Smart Contracts Using Source Code and Transaction Level Features...N/A

Michael Vinushan Francis Regi Jeyakumar and Saluka Kodituwakku (University of Peradeniya, Sri Lanka)

9:06 Topological Analysis of Mixer Activities in the Bitcoin Network...N/A

Francesco Zola, Jon Ander Medina, Andrea Venturi and Raul Orduna Urrutia (Vicomtech, Spain)

9:19 Behavioural Analysis for Money Laundering Activity in the Bitcoin Network...N/A

Raseswaran Kanistan (University of Jaffna, Sri Lanka); Jeyakumar Samantha Tharani (University of Jaffna, Sri Lanka & Griffith University, Australia); Vallipuram Muthukkumarasamy (Griffith University, Australia)

9:31 KeyLinker: Deductive Method for Bitcoin Address Grouping Based on Public Key Reuse...N/A

Yekaterina Smolenkova and Yury Yanovich (Skolkovo Institute of Science and Technology, Russia)

9:43 Unpacking Maximum Extractable Value on Polygon: A Study on Atomic Arbitrage...N/A

Daniil Vostrikov (Moscow Institute of Physics and Technology, Russia); Yash Madhwal (Skolkovo Institute of Science and Technology, Russia); Andrey Seoov and Anastasiia Smirnova (MEV-X, Russia); Yury Yanovich (Skolkovo Institute of Science and Technology, Russia); Alexey Smirnov (MEV-X, Russia); Vladimir Gorgadze (Moscow Institute of Physics and Technology, Israel)

9:56 Wormhole Cross-Chain Bridge Transactions Flow: An Exploratory Study...N/A

Babu Pillai (Griffith University, Australia); Jeyakumar Samantha Tharani (University of Jaffna, Sri Lanka & Griffith University, Australia); Vallipuram Muthukkumarasamy (Griffith University, Australia)

10:08 Detecting Sybil Addresses in Blockchain Airdrops: A Subgraph-based Feature Propagation and Fusion Approach...N/A

Qiangqiang Liu and Qian Huang (Binance, United Arab Emirates); Frank Fan (Binance, Singapore); Haishan Wu (Zand, United Arab Emirates); Xueyan Tang (Shanghai Jiao Tong University, China)

10:20 Decentralized Provenance Metadata Registries for Asset-Referenced Tokens...N/A

Thomas Hardjono (MIT, USA); Denis Avriilonis (Compellio, Luxembourg)

10:33 Let the NFTs flow: A Comparison Between NFT Architectures on Ethereum and the Flow Blockchain...N/A

Ricardo Almeida (University of Pisa, Italy); Fabrizio Baiardi (Università di Pisa, Italy); Damiano Di Francesco Maesa (University of Pisa, Italy & University of Cambridge, United Kingdom (Great Britain)); Laura Emilia Maria Ricci (University of Pisa, Italy)

10:45 Unraveling Ethereum's Mempool: The Impact of Fee Fairness, Transaction Prioritization, and Consensus Efficiency...N/A

S M Mostaq Hossain (Tennessee Technological University, USA); Amani Altarawneh (Tennessee Tech University, USA)

10:57 Channel Balance Interpolation in the Lightning Network via Machine Learning...N/A

Vincent Davis (Amboss Technologies, USA); Vikash Singh (Stillmark Co, USA); Emanuele Rossi (Amboss Technologies, USA)

11:09 Crypto-Economic Analysis of Web3 Funding Programs Using the Grant Maturity Framework...N/A

Ben Biedermann (University of Malta & ACURRAENT UG, Malta); Victoria Kozlova (ACURRAENT UG (haftungsbeschränkt), Germany); Fahima Gibrel (Metagovernance Project Inc, USA)

11:22 Making User-Centric and Decentralized Identity and Loyalty Solutions. Lessons from the QX Travel Project...N/A

Andrés del Álamo Cienfuegos (Fundación Cibervoluntarios, Spain & Universidad San Pablo-CEU, CEU Universities, Spain); Ernestina Alvarez Corona (Fundación Cibervoluntarios, Spain); Teodor Bogoeski (QX Ventures, Macedonia, the former Yugoslav Republic of); Zoran Nasteski (QX Ventures, Macedonia, the former Yugoslav Republic of & ASU, USA); Hristijan Jankulovski (QX Ventures, Macedonia, the former Yugoslav Republic of)

11:34 *Generating efficient and semantic interoperable smart contracts for e-governance...N/A*

Sokratis Vavilis (Inlecom Innovation, Greece); Harris Niavis (Inlecom Innovation, Greece & Konnecta Systems IKE, Greece); George Misiakoulis (Konnecta Systems IKE, Greece); Panos Protopapas (INLECOM Innovation, Greece & Konnecta Systems, Greece); Konstantinos Loupos (INLECOM Innovation, Greece & KONNECTA SYSTEMS, Greece)

11:46 *SOCIALTRUSTR: Blockchain Solution for the Traceability and Validity of Online Content Dissemination...N/A*

Manuel Arto (Archeion s.r.l., Italy); Luca Sciuillo, Lorenzo Gigli and Ivan Zyrianoff (University of Bologna, Italy); Cristiano Aguzzi (Archeion s.r.l., Italy); Federico Montori (University of Bologna, Italy)

11:59 *WARASHIBE Protocol: Fair Data-Data Exchange on Blockchain...N/A*

Riku Mochizuki, Ryosuke Abe and Shigeya Suzuki (Keio University, Japan)

12:11 *Performance Analysis of Inter-Blockchain Communication Token Transfer Times Among Hub and Zone Chains...N/A*

Takaaki Yanagihara (Suwa University of Science, Japan); Akihiro Fujihara (Chiba Institute of Technology, Japan)

12:23 *CrossLink: A Decentralized Framework for Secure Cross-Chain Smart Contract Execution...N/A*

Tahrim Hossain and Faisal Haque Bappy (Syracuse University, USA); Tarannum Shaila Zaman (University of Maryland, Baltimore County, USA); Tariqul Islam (University of Maryland Baltimore County, USA)

12:36 *Adapting the Secure Asset Transfer Protocol for Secure Cross-Network Asset Exchange...N/A*

Kjell-Erik Marstein (Quant Network, United Kingdom (Great Britain)); Paulina Davita (University College London, United Kingdom (Great Britain)); Luke Riley (Quant Network, United Kingdom (Great Britain))

12:48 *An Approach to Formalise Blockchain Interoperability Patterns...N/A*

Guzman Llambias (Universidad de la República & Pyxis, Uruguay); Guzmán Llambías (Pyxis, Uruguay); Laura González and Raúl Ruggia (Universidad de la República, Uruguay)

Friday, June 6 10:30 - 11:00 (Europe/Rome)

CoffeeBreak: CoffeeBreak

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Lunch: Lunch

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WS2: WorkshopsAfternoon

14:00 *TenderWallet: A Private Access and Compliant Collateralized CBDC System...N/A*

Aditya Ahuja (TCS Research, India); Siddhasagar Pani (TCS, India); Srujana Kanchanapalli, Vigneswaran R and Rajan M A (Tata Consultancy Services, India); Sachin Lodha (Tata Research Development and Design Centre, India)

14:21 *Not Your MPC, Not Your Coin...N/A*

Yuto Takei (Mercari, Inc., Japan)

14:43 *A Comprehensive Survey of Coin Mixing Protocols...N/A*

Jeongheon Kim, Changhoon Kang and James Won-Ki Hong (POSTECH, Korea (South))

15:05 T-REITs: A Regulatory Compliant Blockchain-based Framework for Tokenization of Real Estate Investment Trusts...N/A

MalliKarjun Reddy Dorsala and Abhishek Kishor Bhagat (IIIT Sri City, India)

15:27 Resolver Contract: Toward an NFT Verification Method with Enhanced Linkability...N/A

Samuel Sanjaya and Kazumasa Omote (University of Tsukuba, Japan)

15:49 Private authorization codes: data minimization in card not present transactions...N/A

Iván Abellán Álvarez (University of Luxembourg, Luxembourg)

16:10 Converting Fuzzy Signatures into Anonymizable Signatures using Zero-Knowledge Proof...N/A

Ken Naganuma (Hitachi, Japan); Shingo Akata (University of Tsukuba, Japan); Masayuki Yoshino (Hitachi, Ltd., Japan); Noboru Kunihiro (University of Tsukuba, Japan); Non Kawana (Hitachi, Japan); Wataru Nakamura (Hitachi, Ltd., Japan); Kenta Takahashi (Hitachi, Ltd., Japan & University of Tokyo, Japan); Takayuki Suzuki (Hitachi America, Ltd., USA)

16:32 From Paper Trails to Trust on Tracks: Adding Public Transparency to Railways via zk-SNARKs...N/A

Tarek Galal (TU Berlin, Germany); Valeria Tisch, Katja Assaf and Andreas Polze (Hasso Plattner Institute, University of Potsdam, Germany)

16:54 SNARKlet: Efficient Mobile Wallet Synchronization with zk-SNARKs...N/A

Martin Perešíni and Samuel Olekšák (Brno University of Technology, Czech Republic); Samuel Slávka (Czech Republic); Ivan Homoliak (Brno University of Technology, Czech Republic & Slovak Technical University, Slovakia)

17:16 DePIN: A Framework for Token-Incentivized Participatory Sensing...N/A

Michael T. C. Chiu (University of Toronto, Canada); Sachit Mahajan (ETH Zurich, Switzerland); Mark Christopher Ballandies (University of Zurich, WiHi, Switzerland); Uroš Kalabić (WiHi, USA)

17:38 Trustworthy Decentralized Autonomous Machines: A New Paradigm in Automation Economy...N/A

Fernando J Castillo (Technische Universität Berlin, Germany); Oscar Castillo (Dobprotocol, USA); Eduardo Brito (Cybernetica AS, Estonia); Simon Espinola (Dobprotocol, USA)

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CoffeeBreak: CoffeeBreak