

# BlockSys-2023 Full Program

Date: Sunday, 12<sup>th</sup> November

Location: Istanbul, Turkey

9 AM: Welcome / Opening

9:05 AM: Keynote: **Dynamic Availability and Definite Finality in IOTA 2.0** by Can Umut Ileri, IOTA Foundation

10:15 AM: **Preserving Privacy of Vulnerable Users across Heterogeneous Sensitive Sensor Data Streams using Smart Contracts** by Nidhi Desai (University of Surrey); Damiano Di Francesco Maesa (University of Pisa); Nishanth Sastry, Steve Schneider (University of Surrey); Laura Ricci (University of Pisa)

10:40 AM: Break

11 AM: **Towards a Rollup-Centric Scalable Architecture for Decentralized Physical Infrastructure Networks: A Position Paper** by Xinxin Fan (IoTeX); Lei Xu (Kent State University)

11:25 AM: **Design and Development of a Mobile Dapp for Mobile Crowdsensing over EVM-enabled Blockchains** by Lorenzo Gigli, Federico Montori, Giacomo Galletti, Luca Sciullo (University of Bologna); Luca Bedogni (University of Modena and Reggio Emilia)

11:50 AM: **Blockchain enabled Shared Mobility for Sustainable Transportation** by Aswathy M, Arunkumar J, Rohit Mathew Samuel, Sai Shibu N B (Amrita Vishwa Vidyapeetham)

12 PM: Lunch

1:30 PM: **Red gold traceability: computer vision and blockchain for saffron quality** by Mohammad Rowhani Sistani, Pierluigi Gallo (University of Palermo); Maria Timoshina (SEEDS srl)

1:55 PM: **A Preliminary Analysis of Software Metrics in Decentralised Applications** by Giacomo Ibba (University of Cagliari); Shivank Khullar, Elaina Tesfai, Rumyana Neykova (Brunel University London); Sabrina Aufiero (UCL); Marco Ortu (University of Cagliari); Silvia Bartolucci (UCL); Giuseppe Destefanis (Brunel University London)

2:20 PM: **ANKA: A Decentralized Blockchain-based Energy Marketplace for Battery-powered Devices** by Burak Can Sahin, Abdulrezzak Zekiye, Oznur Ozkasap (Koç University)

2:30 PM: Closing Remarks

For Venue Details, please check: <https://sensys.acm.org/2023/venue/>