BlockSys-2021-Program

Virtual Workshop

Date: 17-11-2021

All times are in GMT (Coimbra, Portugal).

Morning Session

9 AM – 10: 15 AM: Keynote: IOTA: A ledger for IoT, data and assets. Technology and use cases

- *Speaker: Michele Nati, IOTA*

10:15 AM – 10:45 AM: Technical Session

- *Experimental Scalability Study of Consortium Blockchains with BFT Consensus for IoT Automotive Use Case*
  - *Luc Gerrits (University Côte-d'Azur), Cyril Naves Samuel (University Côte-d'Azur), Roland Kromes (University Côte-d'Azur), François Verdier (University Côte-d'Azur), Severine Glock (Renault Software Labs), Patricia Guitton-Ouhamou (Renault Software Labs).*
- *A Blockchain and Machine Learning based Framework for Efficient Health Insurance Management*
  - *Adit Goyal (Department of Computer Science & Engineering and IT, JIIT, Noida, India), Anubhav Elhence (Department of Electrical and Electronics Engineering, BITS Pilani, Pilani Campus), Vinay Chamola (Department of Electrical and Electronics Engineering, BITS Pilani, Pilani Campus, India), Biplab Sikdar (National University of Singapore)*

10:45 – 11: 00 AM: Break/Networking

11 AM – 12 PM: Title: TBA

- *Speaker: David Davies, AgUnity.*

12 PM – 1 PM: Lunch

Afternoon Session

1 PM – 2 PM: Practical implementation of Blockchain and IoT

- *Aljosja Beije, BlockLab.*

2 PM – 3:15 PM: Technical Session:

- *The convergence of Blockchain and Machine Learning for Decentralized Trust Management in IoT Ecosystems*
    - *Tharindu Ranathunga (Munster Technological University), Alan McGibney (Munster Technological University), Susan Rea (Munster Technological University)*
- *Blockchain-based Decentralized Service Provisioning in Local 6G Mobile Networks*
    - *Taras Maksymyuk (Lviv Polytechnic National University, Lviv, Ukraine), Marcel Volosin (Technical University of Kosice, Slovakia), Juraj Gazda (Technical University of Kosice, Slovakia), and Madhusanka Liyanage (University College Dublin, Ireland / University of Oulu, Finland)*
- *Detecting Compromised Edge Smart Cameras using Lightweight Environmental Fingerprint Consensus*
    - *Deeraj Nagothu (Binghamton University), Ronghua Xu (Binghamton University), Yu Chen (Binghamton University), Erik Blasch (The U.S. Air Force Research Laboratory Rome, New York, USA), and Alexander Aved (The U.S. Air Force Research Laboratory Rome, New York, USA)*
- *TBA*
    - *Jo Ueyama*

3:15 PM – 3:30 PM: Break/Networking

3:30 PM – 4:25 PM: Tokenization of Assets: Digital, Physical and Dynamic Assets

- *Raghu Bala, NetObjex.*

4:25 PM – 4:30 PM: Wrap Up

4:30 PM – 5 PM: Networking

***Registration is free for Online Participants. Please register here**: https://sensys.acm.org/2021/registration/*