



8th Symposium on Distributed Ledger Technology

Level 3, 247 Elizabeth St, Brisbane City QLD 4000

PROGRAM

Thursday 28 November

① **8:30 Registration**

⌚ **9:00 Welcome to Country and Conference Opening**
Prof Ambika Zutshi, Dean, PFBS, Australian Catholic University

9:05 Keynote Speech I
Architectural Hybridisation for Blockchain
Associate Professor Jiangshan Yu, The University of Sydney

10:10 Paper Presentation
P1. Digital Identity Wallet Utilizing a Hardware Security Module
Paul Ashley, Gowri Ramachandran, Ellen Schofield, George Mulhearn

Chair: Prof V. Muthukkumarasamy

⌚ **10:30 – 11:00 Morning Tea**

⌚ **11:00 Presentation Session**

11:00 P2. Bitcoin Halving Events: Historical Analysis and Strategic Insights for miners
Daewoong Cho, Gowri Ramachandran, Raja Jurdak, Salil Kanhere

11:20 P3. Privacy Preserving Reputation System for Self-Sovereign Identity
Yu Yen Miffy Chung, Evan Krul, Helen Paik

11:40 P4. Topographic Attribute Map-based Visualisation to Uncover Behaviour Patterns in Blockchain
Awarjana Perera, Vallipuram Muthukkumarasamy, Liat Rozenberg, Samantha Jeyakumar

12:00 P5. Incentivising Decentralisation with Harberger Tax
Naipeng Dong, Hans Song, Guangdong Bai

Chair: Dr. Shantanu Pal

⌚ **12:30 – 1:30 Lunch Break**

⌚ **1:30 Keynote Speech II**
Crypto Forensics in the New Age: Unmasking Scams and Pig Butchering Schemes
Maureen Gabriel, Principal in House Legal Counsel & Forensic Investigator, Blockstars Tech. Pvt Ltd

2:40 Industry Talk
T1. Supra's Blockchain Interoperability Solutions
Dr Raghavendra Ramesh

Chair: Dr. Peter Robinson

⌚ **3:00 – 3:30 Afternoon Tea**

⌚ **3:30 Panel Discussion**
Topic: Fraud detection in crypto asset transactions: Challenges and Solutions
Moderator: Prof Vallipuram Muthukkumarasamy, Griffith University
Speakers: Prof John Flood, Mr Omar Jarkas, Dr Samantha JeyaKumar, Dr Babu Pillai

6:00 River Cruise (City botanic gardens river hub)



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9:00 Keynote Speech III

Uniting Blockchains with Interoperability Mechanisms: Where We Are and Where We're Going

André Augusto, INESC-ID & Instituto Superior Técnico, University of Lisbon, Portugal

10:10 Paper Presentation

P6: Water Ledger: A Blockchain-Based Smart Water Resource Management Platform

Katrina Donaghy, Joey Li, Farhad Ullah Rezwani

Chair: Prof Salil Kanhere



10:30 – 11:00 Morning Tea



11:00 Workshop

Title: Ethereum L2 Architectures: Op, zkEVM, zkVM, and OpZk, Rollups & Validium

Dr Peter Robinson, Head of Blockchain Research, Immutable Pty Ltd

Chair: Dr. Md Whaiduzzaman



12:30 – 1:30 Lunch Break



1:30 Keynote Speech IV

Big Game Hunting and Evolution of Blockchain

Dr. Mohiuddin Ahmed, Edith Cowan University

2:40 Paper Presentation

P7. Comparison of user behaviour in DeFi applications

Dora Zelenyanszki, Zhe Hou, Kamanashis Biswas, Vallipuram Muthukkumarasamy

Chair: Dr. Paul Ashley



3:00 – 3:30 Afternoon Tea



3:30 Presentation Session

Chair: Mr Zaidul Alam

3:30 P8. Tokenized Property Renting and Trading Using Blockchain

Md. Miraj Hossain, Md Yeasin Ali, Kazi Sazid Ahmed, Senjuti Saha, ..., and Md Sadek Ferdous

3:50 P9. Blockchain Based Electrical Vehicle Charging Platform

Naipeng Dong, Chensheng Zhu, Guangdong Bai

4:10 T2. A Design Approach Study on Blockchain-Enabled Provenance and Supply Chain Data Governance for Indigenous Foods and Botanicals

Mokaddes Ahmed Dipu, Adj./Prof Warwick Powell, Yasmina Sultanbawa, ... Charles Turner-Morris

4:30 T3. Datasker: Where Web 2.0 Interoperates with Web 3.0 to Create Trusted and Trustworthy Data

Katrina Donaghy, Joey Li, Farhad Ullah Rezwani



4:50 – 5:00 Conference Close

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