

Workshop Program

The First International Workshop on Blockchain and Mobile Applications (BlockApp 2019)

June 10, 2019, Hong Kong

in conjunction with the 20th IEEE MDM2019

08:30 – 09:00 **Registration**

09:00 – 09:40 **Workshops/PhD Forum Joint Keynote 1**

Mobile Data Management Meets Deep Learning

Wang-Chien Lee (Pennsylvania State University)

09:40 – 10:20 **Workshops/PhD Forum Joint Keynote 2**

Enabling Mobile Applications and Mobile Data Analytics with Privacy

Li Xiong (Emory University)

10:20 – 10:45 **Coffee Break**

10:45 – 10:50 **Welcome Speech**

Dr. James Lei

Acting Director of Intelligent Software and Systems, ASTRI

10:50 – 11:30 **Keynote**

Prof. Jiannong Cao

Chair Professor, Hong Kong Polytechnic University

11:40 – 12:30 **BlockApp Session 1**

Evening Out the Stumbling Blocks for Today's Blockchain App Ecosystem

Prof. Xiao Jiang (Huazhong University of Science and Technology)

Textile and Apparel Supply Chain with Distributed Ledger Technology (DLT)

Amy Lam and Zhibin Lei (ASTRI)

12:30 – 14:00 **Lunch Break**

14:00 – 15:30 **BlockApp Session 2**

Towards Secure Data Auditing in Decentralised Storage Networks

Prof. Cong Wang (The City University of Hong Kong)

Construction of Elderly Mutual Aid Time Bank Based on Blockchain

Lianxiang Cui (Jilin University), Kehong Yuan (Tsinghua University), Xiaoyu Zhao (ASTRI), Larry Y. D. Mou (ASTRI)

Privacy-Protected Blockchain System

Ping Zhong, Qikai Zhong, Haibo Mi, Shigeng Zhang, Yang Xiang (Central South University)

Next Generation Blockchain Network (NGBN)

Zhibin Lei, Chao Feng, Yang Liu, Dennis Lee (ASTRI), Tony Tsang (21Via Net Group), Jun Liang, Zhijun Xiong, Yuquan Liu, Gang Chen (CCS Transfar Technology)

15:30 – 16:00 **Coffee Break**

16:00 – 17:00 **BlockApp Session 3**

Blockchain Technology on AWS

John Yeung (Amazon Web Services)

Blockchain Applications for Smart Supply Chain

Zhe Peng (SF Technology)

Optimization of P2P Network Efficiency in BlockChain

Chris Zhao (QLC Chain Mobile co., Ltd)