2020 Pre-AMCIS SIGBPS Workshop on Blockchain and Financial Analytics

Tentative Program

How to access the virtual workshop

The workshop will be conducted **online only**. Information on how to access the workshop will be available in the AMCIS app once you register for AMCIS (https://amcis2020.aisconferences.org/register/). More information about the AMCIS virtual conference platform is here.

Schedule

Note that all time refers to US Mountain Daylight Time (MDT, UTC -6)

Day 1--Thursday Aug 13
8:30a-8:40a   **Opening remarks**
8:40am-10:30am   **Track-1: Data Analytics for Financial Applications**   Co-chairs: Yi Yang (Hong Kong University of Science and Technology)   Nicolas Prölloch (University of Giessen)
Inferring Deceptive Cues in Financial News: An Application of Domain Adaptation Learning   Ka Chung Ng, Ping Fan Ke, Mike K. P. So, and Kar Yan Tam
Learning Visual Aesthetics of Floor Plans in Online Real Estate Marketplaces   Kirill Solovev and Nicolas Pröllochs
Graph Representation Learning for Stock Predictions   Hu Tian, Xiaolong Zheng, Kang Zhao, and Daniel Zeng
A Dynamic Recurrent Reinforcement Learning Model for Trading Strategy Optimization   Xingwei Zhang, Xiaolong Zheng, and Daniel Zeng.
10:40am-12:00pm   **Track-2: Blockchain Ecosystems and Communities in Finance**   Co-chairs: Lele Kang (Nanjing University)   Xinyu Zhu (City University of Hong Kong)
A Blockchain Use Case in Construction Financing: How Do Token Incentives Work   Ruoshu Zheng, Xinyu Zhu, Rui Shi, and J Leon Zhao
How Corporations React to New Technology Advancement: The Case of Blockchain   Jingxuan Huang and Lele Kang
Overpromotion in ICO: An Empirical Investigation   Mengfan Xuan, Xinyu Zhu, and J Leon Zhao

Day 2--Friday Aug 14

8:30am-10:30am
Track-3: Blockchain Security and Adoption: Challenges & Opportunities
Co-chairs: Shaokun Fan (Oregon State University)

Guanyi Lu (Florida State University)

Archana Jain (Rochester Institute of Technology)

Fradulent Bitcoin Trades

    Thomas McInish

Ransomware Activity and Blockchain Congestion

    Konstantin Sokolov

Facilitating Interorganizational Trust in Strategic Alliances by Leveraging Blockchain-based Systems: A Case Study

    Rui Chen and Kun Chen

Disruption or Synergy: A Resource Based View on Blockchain Innovation and Firm Performance

    Zhimin Hua

10:40am-12:00pm
Blockchain Enabled Process Innovation
Co-chairs: Yiyang Bian (Nanjing University)

On Exploiting Blockchain in the Process Management of Commercial House Pre-sale Fund Supervision

    Yongfeng Huang, Guorong Rui, and Yiyang Bian

Fair Inspection and Secure Delivery of Content-based Digital Products: A Zero-Knowledge Proof-of-Content Approach based on Blockchain

    Qi Luo and Jiaqi Yan

A Blockchain Enabled Federated Learning Framework in Data Processing

    Yidong Chai and Yiyang Bian