



# BlockSys'2022

International Conference on Blockchain and Trustworthy Systems

**August 04-05, 2022**  
**Chengdu, China**

## Overview

BlockSys'2022 is a research conference on the theory and practice of blockchain and trustworthy systems. Blockchain has become a hot research area in academia and industry. The blockchain technology is transforming industries by enabling anonymous and trustful transactions in decentralized and trustless environments. As a result, blockchain technology and other technologies for developing trustworthy systems can be used to reduce system risks, mitigate financial fraud and cut down operational cost. Blockchain and trustworthy systems can be applied to many fields, such as financial services, social management and supply chain management.

## Manuscript Guidelines and Submission Information

Papers must be clearly presented in English, must not exceed 14 pages (one-column format, appropriately 6-7 pages in IEEE standard double-column format) in Springer LNCS format.

Please submit your paper(s) in PDF file at the submission site:

<https://easychair.org/conferences/?conf=blocksys2022>

## Publications

All accepted and presented papers will be published by Springer in the Communications in Computer and Information Science (CCIS) series and will be indexed by EI Compendex. Distinguished papers (more than 30 papers) presented at the conference, after further revision, will be published in special issues of selected journals.

- Wireless Communications and Mobile Computing (SCI)
- Connection Science (SCI)
- International Journal of Computational Science and Engineering (ESCI, EI)
- International Journal of Embedded Systems (ESCI, EI)
- International Journal of Systems and Service-Oriented Engineering
- Pending

## Important Dates

- Paper submission due: Mar. 15, 2022
- Notification to authors on the decisions on papers: May 15, 2022
- Camera-ready papers due: Jun. 15, 2022
- Conference date: Aug. 04-05, 2022

## Contact

- Email: [blocksys2022@163.com](mailto:blocksys2022@163.com)
- Website: <http://blocksys.info>

## Research Track

This conference provides scientists and engineers from both industry and academia a platform to present their ongoing work, relate their research outcomes and experiences, and discuss the best and most efficient techniques for the development of blockchain and trustworthy systems. Topics of the conference include, but are not limited to:

- **Blockchain**
  - Theories and algorithms for blockchain
  - Smart contracts for blockchain
  - Security, privacy and trust for blockchain
  - Cloud, fog, and edge computing approaches for blockchain
  - Blockchain based systems, services and applications
  - Privacy computing based on blockchain
- **Privacy Computing**
  - Theories and foundations for privacy computing
  - Parallel, distributed and scalable modelling for privacy protection
  - Privacy quantification, formal description, operation and modelling
  - Context adaptive cryptology for privacy protection
  - Privacy-preserving data processing and machine learning
  - Private information exchange and sharing models
  - Applied cryptography in privacy computing
- **Trustworthy Systems**
  - Scalability and fault tolerance mechanisms for trustworthy systems
  - Algorithms, architecture, and techniques for trustworthy systems
  - Scalability and fault tolerance mechanisms for trustworthy systems
  - Security, safety, and risk management for trustworthy systems
  - Metrics and measurement for trustworthy systems
  - Quality assurance, maintenance and reverse engineering for trustworthy systems
  - Verification, validation, testing, and analysis for trustworthy systems
  - Communication, networking, optimization, and performance for trustworthy systems

## Organizing Committee(to be updated)

### General Chairs

Yan Zhang, University of Oslo  
Danny Tsang, HKUST

### Program Chairs

Yin Zhang, University of Electronic Science and Technology of China  
Davor Svetinovic, Vienna University of Economics and Business  
Xiapu Luo, The Hong Kong Polytechnic University

### Organizing Chairs

Ke Zhang, University of Electronic Science and Technology of China  
Fan Wu, University of Electronic Science and Technology of China

### Publicity Chairs

Yueyue Dai, Nanyang Technological University  
Kun Wang, UCLA

Neng Zhang, Sun Yat-sen University

### Publication Chairs

Xiaoyan Huang, University of Electronic Science and Technology of China  
Xiangping Chen, Sun Yat-sen University

### Advisory Board

Michael R. Lyu, The Chinese University of Hong Kong  
Jiannong Cao, The Hong Kong Polytechnic University  
Kuan-Ching Li, Providence University  
Huaimin Wang, National University of Defense Technology  
Zibin Zheng, Sun Yat-sen University