IEEE

12th ICOSST 2018

19 - 21 DECEMBER, 2018
UET, Lahore, Pakistan

2018 INTERNATIONAL CONFERENCE ON OPEN SOURCE SYSTEMS AND TECHNOLOGIES

THEME BLOCKCHAIN

IEEE COMPUTER SOCIETY LAHORE SECTION

CALL FOR PAPERS

Open-Source Software (OSS) is an established cross-disciplinary paradigm for distributed enterprise computing and e-Government. It is helping organizations both Governmental and non-Governmental to keep a control on the cost of development and deployment. OSS have not only changed the way software applications are architected, deployed, and consumed but also they are engineered to provide large distributed cross-platforms and frameworks.

The Theme for the ICOSST 2018 is **Blockchain**

Blockchain has emerged as the promising technology for the digitized transfer of assets in a cryptographically verifiable manner within trustless and decentralized environments. It has numerous potential interdisciplinary applications scenarios, which include but not limited to digital currencies, device/data ownership and management, device identification and authentication, financial infrastructures, commodities exchange, smart grid management, supply-chain management, real estates, e-voting, organizational governance, and many others. The blockchain technology offers incredible opportunities to research and development community to identify novel solutions that can transform traditional business models, organizations as well as political infrastructures.

This year, IEEE ICOSST aims to provide a platform for researchers in emerging technology area to discuss key aspects of Blockchain, analyze current solutions or propose new ones, and ascertain the advanced applications and theories of this research paradigms. We invite submissions of papers that invent innovative techniques and applications, introduce new architectures and systems, identify technical challenges that would may arise and finding appropriate solutions, and discuss the novel approaches for previously unsolved issues.

IMPORTANT DATES

CONFERENCE DATES
19th To 21st December 2018
(Wednesday to Friday)

SUBMISSION DEADLINE
Sunday, 30th September 2018

ACCEPTANCE/ NON ACCEPTANCE NOTIFICATION:
Thursday, 1st November 2018

CAMERA READY SUBMISSION
Thursday, 15th November 2018

VENUE
UET, Lahore, Pakistan

Topics of interest include, but are not limited to:

- Theories of Blockchain and its Evolution
- Blockchain Based IoT Security Solutions, Cyber Physical Systems, Social Networking, Crowdsourcing and Crowdsensing & 5G
- Applied Data Engineering
- Artificial Intelligence & Intelligent Systems
- Bioinformatics, Pattern recognition, Data mining
- Data Integrity and Information Security
- Databases
- Information and Knowledge Modeling
- Wireless Communication & Networks
- Cyber Hacking, Next Generation Firewall, Monitoring, Incident Response, Threat Intelligence
- Cyber Security in Emergent Technologies
- Cloud and Networking Security
- Internet of Things
- Natural Language Processing (NLP)
- Software Engineering
- Service-oriented Architecture & Web-based Systems
- Big data Security Issues
- Privacy in Cloud Computing
- Industry 4.0 & Industrial Robotics

Conference Committee

Convener: Dr. Fazal Ahmad Khalid *(Pakistan)*
Executive Chair : Dr. Waqar Mahmood *(Pakistan)*
Technical Chair: Dr. Shahid Raza *(Sweden)*
Technical Co Chair: Dr. Ghalib Asadullah Shah *(Pakistan)*
Co – Chair: Dr. Amir Mehmood *(Pakistan)*
Conf. Secretary: Usman Munawar *(Pakistan)*

CONFERENCE WEBSITE
www.icosst.kics.edu.pk