



13th ICOSST 2019

17th -19th December 2019

2019 INTERNATIONAL CONFERENCE ON OPEN SOURCE SYSTEMS AND TECHNOLOGIES, LAHORE, PAKISTAN

INTRODUCTION

Open-Source Software (OSS) is an established cross-disciplinary paradigm for distributed enterprise computing and e-Government. It is helping organizations both public and private 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.

IEEE Computer & Communication Societies, Lahore Section, (R10) in Technical Co-sponsorship & in Joint Collaboration with Al-Khawarizmi Institute of Computer Science, UET, Lahore, Pakistan are organizing a three-day event to invite researchers and practitioners from across the world to share their ideas and experiences related to the state-of-the-art and the future of Open Source systems and technologies, software applications, databases, networks, information security, OSS and social innovation, embedded computing, cloud computing, virtualization, AI for knowledge discovery, automation, etc. ICOSST will create a scientific venue where participants can share ideas, strategies, and policies for tackling the development, research and adaptation challenges related to open-source tools and open-source development environments for their customized requirements.

CALL FOR PAPERS



Conference Website

<https://icosst.kics.edu.pk>

TECHNICAL AREAS:

SOFTWARE & SYSTEM

- +Blockchain Technology
- + Remote Sensing
- + Software Engineering
- +Distributive Databases
- +Geographical Information Systems
- + Data warehousing
- + Data Mining and Statistical Analysis
- + Opensource Softwares for Business Intelligence and Strategy
- + Opensource Data
- + Opensource Education
- + Web Tools and Technologies
- + Human-Computer Interaction
- + Virtual Reality
- + Games and Edutainment

CLOUD & COMPUTATION

- + Big data models, theories, algorithms, approaches, solutions
- + Big data retrieval, processing, analysis, and analytics
- + Big data maintenance, management, and operations
- + Big data for social networks
- + Mobile processing of big data
- + Cloud Networking
- + Cloud management, orchestration and automation
- + Cloud resource management and optimization
- + Mobile networking and computing for cloud and fog/edge computing
- + Mobile cloud computing

ARTIFICIAL INTELLIGENCE

- + Artificial Neural Networks
- + Deep Artificial Neural Networks, Convolutional Neural Networks
- + Explainable AI
- + Machine learning, Deep learning
- + Computer Vision
- + Speech Processing
- + Image Processing,
- + Document Image Processing, Optical Character Recognition
- + Natural Language Processing
- + Data Mining
- + Big Data Analytics
- + Robotics and Automation, Multi-agent Systems

NETWORK AND INFORMATION SECURITY

- + Green Communications Systems and Networks
- + Communication & Information Systems Security
- + Cloud & Fog/Edge Computing, Networking and Storage
- + Ad-hoc and Sensor Networks
- + Next Generation Infrastructure and communication protocols for IoT
- + Cloud Computing and Big Data for IoT
- + Artificial Intelligence algorithms for resource constrained IoT devices
- + Blockchain in IoT
- + IoT Standards and Application Scenarios
- + SDN & network virtualization

IMPORTANT DATES

Conference Dates

17th To 19th December 2019
(Monday to Wednesday)

Submission deadline

Saturday, 31st August 2019

Acceptance/ Non Acceptance Notification

Friday, 1st Nov 2019

Camera Ready Submission

Monday, 25th Nov 2019

VENUE: AL-KHAWARIZMI INSTITUTE OF COMPUTER SCIENCE, UET, LAHORE, PAKISTAN

Conference proceedings will have an ISBN and are expected to be published in IEEE Xplore

Sponsors / Organizers



CONFERENCE SECRETARIAT

AL-KHAWARIZMI INSTITUTE OF COMPUTER SCIENCE (KICS), UET, GT ROAD, LAHORE, PAKISTAN

Tel: +92-42-99029450, +92-42-99250229, +92-42-99250262

EMAIL: ICOSST.SECRETARIAT@KICS.EDU.PK

WEB: HTTP://WWW.KICS.EDU.PK