

CALL FOR PAPERS



IEEE

13<sup>th</sup> ICOSST 2019

17<sup>th</sup>-19<sup>th</sup> December 2019



CONFERENCE WEBSITE:

[HTTP://ICOSST.KICS.EDU.PK](http://icosst.kics.edu.pk)

**2019 INTERNATIONAL CONFERENCE ON  
OPEN SOURCE SYSTEMS AND  
TECHNOLOGIES**  
**Lahore, Pakistan**

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.

#### IMPORTANT DATES

##### Conference Dates

17<sup>th</sup> To 19<sup>th</sup> December 2019  
(Tuesday to Thursday)

##### Submission deadline

Saturday, 31<sup>st</sup> August 2019

##### Acceptance/ Non Acceptance Notification

Friday, 1<sup>st</sup> Nov 2019

##### Camera Ready Submission

Friday, 15<sup>th</sup> Nov 2019

**VENUE: UET, LAHORE, PAKISTAN**

#### 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 COMPUTING & BIG DATA

- \*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 SECURITY & IoT

- \*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 applications scenarios
- \*SDN & network virtualization

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

Sponsors / Organizers



CONFERENCE SECRETARIAT

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