

23<sup>rd</sup> International Conference on Telecommunications

# ICT2016 "Expansion to Small"

May 16 - 18, 2016

Thessaloniki, Greece | Makedonia Palace Hotel

Technical Sponsorship



## Special Session

### Inter-Cloud, Fog and Mobile Edge Computing

**Organizers:** **Elhadj Benkhelifa**, *Staffordshire University, UK*, **Yaser Jararweh**, *Jordan University of Science and Technology*.

## Call for Papers

Cloud providers have become unable to meet the ever increasing demand for resources and customers' requirements of low latency, location awareness, and mobility support. To solve this problem, solutions including inter-cloud, Fog and the Mobile Edge Computing (FME) have been introduced as a trusted and dependable solution which puts the services and resources of the cloud closer to users, and facilitates the leveraging of available services and resources in the edge networks.

Inter-cloud is expected to fix the fact that there is no single cloud that has the infinite physical resources needed to deal with the growing number of things that are being connected to the cloud. The purpose of FMEC, on the other hand, is to run the heavy real-time applications at the network edge directly using the billions of connected mobile devices.

This special session aims to investigate the opportunities and requirements for these emerging areas and hence seeks novel contributions from scientists, engineers, and researchers to discuss and exchange with new ideas, novel results and experience on all aspects of inter-cloud, Fog and Mobile Edge Computing. Topics of particular interest include, but are not limited to:

- Inter-Cloud and FME Computing challenges and Opportunities
- Inter-Cloud and FME Computing Security and Privacy.
- Inter-Cloud and FME Pricing and billing models.
- Cloudlet based computing.
- Authentication and identity management in Inter-Cloud and FME Computing
- SLAs and QoS in Inter-Cloud and FME Computing.
- Inter-Cloud and FME Computing Real-time communication interfaces and protocols.
- Inter-Cloud and FME Computing Resource management .
- Inter-Cloud and FME Computing, performance, reliability and scalability.
- New Inter-Cloud and FME Computing architectures and deployment strategies.
- Data storage, processing, and management in Inter-Cloud and FME Computing platforms.
- Aspects of collaboration in Inter-Cloud and FME Computing.
- User-Centric Inter-Cloud and FME Computing.
- Vendor Lock-in, interoperability and portability in Inter-Cloud and FME Computing.
- Software defined systems for Inter-Cloud and FME Computing.
- Dynamic configuration, provisioning and orchestration.

Prospective authors are invited to submit high-quality original technical papers following the rules of the Main Track of ICT 2016 for presentation at the conference and **publication in the ICT 2016 Proceedings and IEEE Xplore**, via EDAS, using <https://edas.info/newPaper.php?c=21703&track=79194>.

## Important Dates

Paper submission deadline: **February 20, 2016**

Paper acceptance notification: **March 5, 2016**

Camera Ready Papers: **March 15, 2016**

## ICT 2016 Organizing Committee

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