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25th International Conference on Software, Telecommunications and Computer Networks

SoftCOM 2017

enjoy the 25th jubilee meeting

September 21-23, 2017
Split, Croatia

Symposium on
The Evolution of Cloud Computing

Symposium Co-Chairs: Toni Mastelic
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Call for Papers

Symposium on "Cloud Computing" will be held in the frame of the 25th International Conference on Software, Telecommunications and Computer Networks (SoftCOM 2017), technically co-sponsored by the IEEE Communication Society (ComSoc), in attractive ambience of Split on September 21-23, 2017.

Cloud computing represents a natural evolution of distributed computing combined with GRID features, Virtualization technologies and Service oriented architecture (SOA). Its flexible and scalable design quickly altered the landscape of ICT services by providing seemingly unlimited amount of on-demand resources accessible to the end users. This turned Cloud computing to a foundation stone of future ICT evolution and opened new challenges that push Cloud capabilities and applications beyond its initial borders.

The main goal of this symposium is to present new directions in the evolution of Cloud computing, as well as its rising new applications, challenges, and technologies.

Accepted and presented papers will be published in the conference proceedings and submitted to IEEE Xplore as well as other Abstracting and Indexing (A&I) databases.

We cordially invite speakers who wish to present original papers on the following subjects, but not limited to these, associated with the following topics:

- Beyond Cloud computing
  - Fog computing
  - Edge Cloud systems
  - Mobile Cloud computing
  - Cloudlets
  - Cloud federations
  - Multi-cloud services
  - Everything as a service (XaaS)
- Applications of Cloud computing
  - High performance computing (HPC) in the Cloud
  - BigData platforms in the Cloud
  - Cloud computing and 5G
  - Network Functions Virtualization (NFV) in the Cloud
  - Cloud computing and Internet of Things (IoT)
  - Cloud robotics
- Cloud computing enabling technologies
  - Linux container technologies
  - Cloud orchestration
  - Microservice architecture for the Cloud
  - Software-defined networks (SDN)
  - Monitoring systems for the Cloud
  - Security and privacy for the Cloud
  - Energy efficient Cloud infrastructure
  - Micro-kernels

IMPORTANT DATES

Complete manuscript due	May 20, 2017
Notification of acceptance	July 1, 2017
Camera-ready manuscript	July 25, 2017

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More information about the Conference including details on the submission process and authors kit is available on the website:

http://softcom2017.fesb.hr

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