



6th European Conference on Service-Oriented and Cloud Computing

27.09.2017 - 29.09.2016. Oslo, Norway

<http://esocc2017.ifi.uio.no>

CALL FOR PAPERS

The European Conference on Service-Oriented and Cloud Computing (ESOCC) is the premier conference on advances in the state of the art and practice of service-oriented computing and cloud computing in Europe. ESOCC has evolved from the ECOWS (European Conference on Web Services) conference series. The main objectives of this conference are to facilitate the exchange between researchers and practitioners in the areas of service-oriented computing and cloud computing and to foster future collaborations in Europe and beyond. ESOCC 2017 will include invited talks and presentations of selected research papers with the participation of top researchers from academia and industry. ESOCC 2017 will also include a PhD Symposium and a series of satellite workshops. A particular focus in this year's conference will be on the Internet of Things (IoT) and the role of service-oriented computing and cloud computing to realize the IoT.

TOPICS OF INTEREST

ESOCC 2017 seeks original, high quality papers related to all aspects of service-oriented computing and cloud computing. ESOCC 2017 solicits both new research papers (in the main track) as well as reports on practical experiences from industry (industry track). However, papers on existing products or product marketing information are not within the scope of the ESOCC 2017 industry track. Specific topics of interest include but are not limited to:

Internet of Things

- Embedded and Real-Time Services
- Fog/Edge Computing
- Fog to (Multi-)Cloud Solutions
- IoT Delivery Models
- IoT Service Engineering
- IoT Services and IoT Clouds
- Mobile Clouds and Mobile Services

Service and Cloud Core Topics

- Business Process Management and Services
- Cloud Interoperability and Federation
- (Cloud) Service Management and Composition
- Dynamic and Adaptive Services
- Enterprise Architecture and Services
- Energy Issues in Clouds
- Formal Methods for Services and Cloud Computing
- Service Governance
- Services Life Cycles

Service and Cloud Engineering

- Architectural Models for Cloud Computing
- Container Deployment
- Frameworks for Building Service-Based Applications
- Model-Driven Service Engineering
- Self-Organizing Service-Oriented and Cloud Architectures
- Service Design Guidelines
- Service Security and Privacy

Business and Social Aspects

- Crowdsourcing Business Services
- Social and Crowd-based Cloud
- Service and Cloud Business Models
- Core Applications, e.g., Big Data, Commerce, Energy, Finance, Health, Scientific Computing, Smart Cities

Technologies

- DevOps in the Cloud
- Emerging Trends in Storage, Computation and Network Clouds
- Microservices Deployment and Management
- Next Generation Services Middleware and Service Repositories
- RESTful Clouds and Services

SPECIAL TRACK INTERNET OF THINGS

In parallel to the rise of cloud computing, there is an ongoing penetration of business and personal spaces with Internet of Things (IoT) devices. Services and cloud computing have been named as primary enabling technologies for the IoT, while the IoT vice versa leads to new requirements and solution approaches for the fields of service-oriented computing and cloud computing. Therefore, ESOCC 2017 will host a Special Track on IoT research, covering topics at the intersection of the IoT and service-oriented and cloud computing, but also taking into account non-service driven IoT research.

SUBMISSIONS

Original papers, not submitted for publication elsewhere, can be submitted via EasyChair at <https://easychair.org/conferences/?conf=esocc2017>.

Paper submissions should be formatted according to the LNCS proceedings guidelines and the templates available at <http://www.springer.com/> and they should not exceed 15 pages. A paper might be accepted as a full paper (15 pages) or as a short paper (8 pages). Conference proceedings will be published by Springer in the Lecture Notes in Computer Science series.

IMPORTANT DATES

- Paper Submission: 05.05.2017
- Notification: 01.07.2017
- Final Version: 15.07.2017