ESOCC 2013

11-13 September
Málaga (Spain)

European Conference on Service-Oriented and Cloud Computing

Contact Information
Conference Website:
http://esocc2013.lcc.uma.es
Follow us on twitter: http://twitter.com/esocc13
For any inquiries please contact the local organisers at: esocc2013@lcc.uma.es
or the program chairs at:
pcchairs.esocc2013@lcc.uma.es

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Important Dates

Deadlines for research and industrial papers:
Paper submission: April 21, 2013
Notification: June 2, 2013
Camera Ready: June 23, 2013
Deadlines for PhD Symposium papers:
Paper submission: June 19, 2013
Notification: July 7, 2013
Camera Ready:July 26, 2013
Deadlines for Workshop proposals:
Proposal submission: March 3, 2013
Notification: March 17, 2013

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Call for Papers

The "European Conference on Service-Oriented and Cloud Computing" (ESOCC) is the premier conference on the 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, after the Steering Committee decided to renew and broaden its scope, and to start a new conference series on advanced topics of service-oriented and cloud computing. The first edition of the new series, ESSOC 2012, was successfully held in Bertinoro, Italy, and will be continued by ESOCC 2013 in Malaga, Spain. The main objectives of this conference are to facilitate the exchange between researchers and practitioners in the areas of SOC and Cloud Computing and to foster future collaborations in Europe and beyond. ESOCC 2013 will include invited talks, presentations of selected research papers and an industrial track with the participation of top researchers from industry. ESOCC 2013 will also include a PhD symposium and a series of satellite workshops.

Background

The continued success of *service-oriented* distributed applications has shown that tightly coupled software systems may be useful for niche markets, whereas loosely coupled software systems have proven to be more flexible, adaptive and often more appropriate for practical applications. Loose coupling makes it easier for a given system to interact with other system components – including legacy systems − that have been developed independently somewhere in a heterogeneous universe of services. Thus, service-oriented applications can evolve more easily during their lifespan and adapt better to changing or even unpredictable environments. In such scenarios, *cloud computing* enables a new execution paradigm for distributed software application where resources can be shared, optimally realized as well as utilised and exchanged between heterogeneous execution platforms and the cloud, so as to achieve fast response times and to ensure immersive and non-interrupted user experience.
Services today are developed independently, deployed as well as freely composed, and they can be implemented in a variety of technologies – a fact which is of particular importance from a business perspective. Similarly, cloud computing aims at enabling mobility as well as device, platform and/or service independence by offering centralized sharing of resources. It promotes interoperability, portability and security standards, and raises a completely new set of security issues. On the implementation side, essential agreement has been reached on integration technologies and consensus has emerged in today's middleware market. Customers use web technologies extensively; however, service developers, providers, and integrators need to create methods, tools and techniques to support cost-effective and secure development and use of dependable devices, platforms, services and service-oriented applications in the cloud.

Topics of interest

ESOCC 2013 seeks original, high quality papers related to all aspects of Service-Oriented and Cloud Computing, which constitute the main technology available to date for implementing service-oriented architectures and cloud computing. Topics of interest include, but are not limited to:
• Business Process Management and Web Services.
• Cloud Services Management and Composition using Web Services.
• Dynamic and Adaptive Web Services.
• Economics Models and Web Services.
• Enterprise Architecture and Web Services.
• Emerging Trends of Service Composition and Mashups.
• Experience reports of novel applications of Service-Oriented and Cloud Computing in Health, Commerce, Finance, Telecom, Scientific Computing and other domains.
• Service modelling, service-oriented analysis and design.
• Formal Methods for Web Services.
• Frameworks for Building Web Service-Based Applications.
• Architectural Models for Cloud Computing.
• Identity and Access Management using Web Services.
• Mobile Web Services.
• Model-Driven Web Service Engineering.
• Next Generation Web Services Middleware and Service Repositories.
• Service quality and service interface design guidelines.
• RESTful for Clouds and Web Services.
• Self-Organizing Service Oriented and Cloud Architectures.
• Semantic Web Services.
• Service Level Agreements for Web services.
• Service-Oriented Business Collaboration.
• SOA Governance and Web Services.
• Social Web Services.
• Web Services for Grids and Clouds.
• Web Services in Service-Oriented Environments.
• Web Services Life-Cycles.
• Web Services Security and Privacy.
• Big Data Management.
• Cloud Interoperability and Federation.
• Emerging Trends in Storage, Computation and Network Clouds.

ESOCC 2013 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 2013 Industry Track.

Call for Workshops & PhD Symposium

ESOCC 2013 Workshops provide an opportunity for participants to discuss specific topics in the Service-Oriented and Cloud Computing related domains. ESOCC 2013 PhD Symposium is an international forum for PhD students working in any of the topics of the ESOCC conference.

Submissions

Original papers, not submitted for publication elsewhere, can be submitted via EasyChair.
• **Research papers:** https://www.easychair.org/conferences/?conf=esocc2013
• **Industry-Track papers:** https://www.easychair.org/conferences/?conf=esocc2013it
• **Workshop proposals:** http://esocc2013.lcc.uma.es/index.php?page=cfw
• **PhD Symposium submissions to:** wolf.zimmermann@informatik.uni-halle.de
Paper submissions should be formatted according to the LNCS proceedings guidelines and the templates available at: http://www.springer.com/computer/lncs?SGWID=0-164-6-793341-0 and they should not exceed 15 pages. A paper might be accepted as a full paper (15 pages), as a short paper (8 pages) or as a poster (a 2-page abstract in the proceedings). Conference proceedings will be published by Springer in the Lecture Notes in Computer Science series.