



Second Workshop on Seamless Adaptive Multi-cloud Management of Service-based Applications

September 15th, 2015

Taormina (Messina), Italy

Held in conjunction with **ESOCC 2015**

CALL FOR PAPERS

Important dates

Submission deadline:	July 7 th , 2015
Notification deadline:	July 24 th , 2015
Registration deadline:	July 28 th , 2015
Camera-ready due:	July 31 st , 2015

Deploying and managing in an efficient and adaptive way complex service-based applications across multiple heterogeneous clouds is one of the problems that have emerged with the cloud revolution. The current lack of universally accepted standards supporting cloud interoperability is severely affecting the portability of cloud-based applications across different platforms. At the same time, even at the level of a single cloud, adaptation of cloud services to their execution environment is strongly desirable in

order to take appropriate actions in response to changes in the cloud highly dynamic environment. Adaptations can be performed at runtime (dynamic adaptation) and at development time. In the latter case runtime and contextual data provided to business application developers can allow them to enhance their applications based on the actual operating conditions.

The objective of the workshop is to provide a forum to discuss problems, solutions and perspectives of the ongoing research activities aimed at enabling an efficient and adaptive management of service-based applications across multiple clouds.

Submission guidelines

Authors are invited to submit original, previously unpublished research papers, position papers and work in progress. Regular papers must not exceed 12 pages, whereas position papers and work in progress must not exceed 8 pages.

All of them should be written in English and in the LNCS format.

Contributions can be submitted in PDF format through the SeaClouds conference management tool (EasyChair submission system, <https://www.easychair.org/conferences/?conf=seawave2015>).

For formatting instructions and templates please see the Information for LNCS authors in Springer website: <http://www.springer.com/computer/lncs?SGWID=0-164-6-793341-0>.

Accepted papers will be published by Springer as part of their Communications in Computer and Information Science series.

Organization

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- Ernesto Pimentel, University of Malaga, Spain
- Francesco Longo, University of Messina, Italy

Program Committee

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- Karl Wallbom, Cloudmore, Sweden
- Chris Woods, Intel, Ireland
- Marcel Zalmanovici, IBM, Israel

Publicity Chair

- Giovanni Merlino, University of Messina, Italy

Topics of Interest

A non-exhaustive list of the topics of interest for the workshop is:

- Design of portable multi-cloud applications
- Feedback-driven development
- Analysis of multi-cloud application specifications
- Discovery of cloud services
- Adaptive deployment of multi-cloud applications
- Efficient and programmable monitoring of cloud infrastructures
- Efficient monitoring of multi-cloud applications
- Adaptive reconfiguration of multi-cloud applications
- Algorithms and data models for infrastructure and application dynamic adaptations
- Controlled migration of application modules across multiple clouds
- Emerging standards supporting multi-cloud application management
- Case studies and best practices in single-cloud and multi-cloud applications

<https://www.scenic.uma.es/workshops/seawave/>