

SERVICE COMPUTATION 2018

Forward

The Tenth International Conferences on Advanced Service Computing (SERVICE COMPUTATION 2018), held between February 18 - 22, 2018 - Barcelona, Spain, continued a series of events targeting computation on different facets.

The ubiquity and pervasiveness of services, as well as their capability to be context-aware with (self-) adaptive capacities pose challenging tasks for services orchestration, integration, and integration. Some services might require energy optimization, some might require special QoS guarantee in a Web-environment, while others a certain level of trust. The advent of Web Services raised the issues of self-announcement, dynamic service composition, and third party recommenders. Society and business services rely more and more on a combination of ubiquitous and pervasive services under certain constraints and with particular environmental limitations that require dynamic computation of feasibility, deployment and exploitation.

The conference had the following tracks:

- Service innovation, evaluation and delivery
- Service quality
- Challenges
- Advanced Analysis of Service Compositions

Similar to the previous edition, this event attracted excellent contributions and active participation from all over the world. We were very pleased to receive top quality contributions.

We take here the opportunity to warmly thank all the members of the SERVICE COMPUTATION 2018 technical program committee, as well as the numerous reviewers. The creation of such a high quality conference program would not have been possible without their involvement. We also kindly thank all the authors that dedicated much of their time and effort to contribute to SERVICE COMPUTATION 2018. We truly believe that, thanks to all these efforts, the final conference program consisted of top quality contributions.

Also, this event could not have been a reality without the support of many individuals, organizations and sponsors. We also gratefully thank the members of the SERVICE COMPUTATION 2018 organizing committee for their help in handling the logistics and for their work that made this professional meeting a success.

We hope SERVICE COMPUTATION 2018 was a successful international forum for the exchange of ideas and results between academia and industry and to promote further progress in the

area of computation. We also hope that Barcelona provided a pleasant environment during the conference and everyone saved some time for exploring this beautiful city.

SERVICE COMPUTATION 2018 Chairs

SERVICE COMPUTATION Steering Committee

Mihhail Matskin, KTH, Sweden

Bernhard Hollunder, Hochschule Furtwangen University – Furtwangen, Germany

Paul Humphreys, Ulster Business School/University of Ulster, UK

Arne Koschel, Hochschule Hannover, Germany

Michele Ruta, Technical University of Bari, Italy

Alfred Zimmermann, Reutlingen University, Germany

Aida Omerovic, SINTEF, Norway

Annett Laube, Bern University of Applied Sciences (BUAS), Switzerland

Claus Pahl, Dublin City University, Ireland

SERVICE COMPUTATION 2018 Industry/Research Advisory Committee

Marcelo De Barros, Microsoft, USA

Steffen Fries, Siemens Corporate Technology - Munich, Germany

Matthias Olzmann, noventum consulting GmbH - Münster, Germany

Rong N. Chang, IBM T.J. Watson Research Center, USA

Jan Porekar, SETCCE, Slovenia