

Preface

Service-oriented computing – together with web services as its major implementation platform – has become the most important paradigm for distributed software development and application for a number of years now. The former ECOWS (European Conference on Web Services) conference series addressed key issues of service-oriented computing, in particular web services, in nine successful conferences until 2011. In the meantime, as services are increasingly used remotely, i.e., in the “cloud”, the focus of the conference series has shifted slightly. Accordingly, ECOWS was re-launched in 2012 as the “European Conference on Service-Oriented and Cloud Computing” (ESOCC) in Bertinoro, Italy, addressing the state of the art and practice of service-oriented computing and cloud computing. The second European Conference on Service-Oriented and Cloud Computing, ESOCC 2013, was held in Málaga, Spain, in September 2013. Following the third conference of the series in Manchester, UK, on September 2–4, 2014, this fourth iteration took place in Taormina (Messina), Italy, on September 15–17, 2015.

This volume contains the technical papers presented at the conference. The conference consisted of multiple tracks: Research Track, Industrial Track, and Work-in-Progress (WIP) Track. There were a total of 48 submissions from which 13 papers were selected for the research track (yielding an acceptance rate of 27 %), together with 2 short papers for the WIP track, and 3 papers accepted for the industrial track. The review and selection process was performed rigorously, with each paper being reviewed by at least three PC members (sometimes with the help of additional reviewers).

There were 2 excellent invited talks at the conference, given by Marco Aiello (Professor of Distributed Systems at the University of Groningen) and Eliot Salant (Manager, Virtualization and Systems Management at IBM Haifa Research).

Six workshops were co-located with the conference: the 3rd International Workshop on CLOUD for IoT (CLIoT 2015), the 5th International Workshop on Adaptive Services for the Future Internet (WAS4FI 2015), the 2nd Workshop on Seamless Adaptive Multi-cloud Management of Service-based Applications (SeaClouds), the 1st International Workshop on Cloud Adoption and Migration (CloudWay 2015), the 1st Workshop on Federated Cloud Networking (FedCloudNet), and the 1st International Workshop on Digital Enterprise Architecture and Engineering (IDEA). A PhD symposium was held on the same day as the workshops.

All in all, ESOCC 2015 was a successful conference, and we owe its success to many people: all the authors who submitted papers, and those who presented papers at the conference; all the PC members who took part in the review and selection process, as well as the additional reviewers they called on for help; all the invited speakers; the members of the Organizing Committee who chaired the industrial track, work-in-progress track, EU-projects track, workshops, and the PhD symposium, as well as the

people who helped organize these events. Last but not least, we are grateful to the Local Organizing Committee for their efficient organization and warm hospitality. To all of you: we say a heart-felt ‘Thank you’!

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