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Preface

The ServiceWave conference series is committed to being the premier European forum for researchers, educators and industrial practitioners to present and discuss the most recent innovations, trends, experiences and concerns in software services (or the “Future of the Internet of Service”) and related underlying infrastructure technologies. ServiceWave fosters the creation of cross-community scientific excellence by gathering industrial and academic experts from various disciplines such as business process management, distributed systems, grid and cloud computing, networking, service science and software engineering.

ServiceWave 2010 was the third edition of the series. The first edition was held in Madrid in 2008 and the second one in Stockholm in 2009, in conjunction with the International Conference on Service-Oriented Computing (ICSOC 2009). ServiceWave 2010 took place in the lovely city of Ghent in Belgium, during December 13–15, 2010.

This year again, the program featured a rich selection of quality contributions. The strict review process yielded an acceptance rate of about 30%. Out of 49 submissions, the Program Committee selected 15 research papers for presentation at the conference and its publication as full papers in this volume. Reviews were performed by at least three members of the Program Committee.

The accepted papers cover a broad range of subjects related to service-oriented architectures and the underlying cloud infrastructure. Thus, this volume contains contributions in the areas of:

- Cloud computing
- Service adaptation and identification
- Service identification and adaptation
- Infrastructures and middleware
- Applications and mashups
- Engineering of service-oriented applications

In addition to the scientific track, the joint ServiceWave, FIA and FIRE call for demonstrations received 31 submissions, of which 24 were accepted for presentation in Ghent, resulting in an acceptance rate of 77%. Authors had to submit a two-page extended abstract as well as a short video of the actual demonstration. Reviewers found videos extremely helpful in forming an opinion about the scope and maturity of each demo. The accepted demonstrations cover a wide spectrum of technology and application domains. Papers were rejected mainly because of either a lack of innovative content, i.e., the system demonstrated was similar to existing commercial or open source offerings, or the demo was about a system that was not yet built, typically submitted too early by projects in their first year. Authors of the latter type of proposal were encouraged to re-submit a demonstration proposal next year.

The Chairs would like to take this opportunity to express their gratitude to the members of the Program Committee for their valuable help in guaranteeing a high-quality conference. We would also like to thank all contributors.

October 2010

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