

ICIW 2012

Forward

The Seventh International Conference on Internet and Web Applications and Services (ICIW 2012) held on May 27 - June 1, 2012 - Stuttgart, Germany, continued a series of co-located events that covered the complementary aspects related to designing and deploying of applications based on IP&Web techniques and mechanisms.

Internet and Web-based technologies led to new frameworks, languages, mechanisms and protocols for Web applications design and development. Interaction between web-based applications and classical applications requires special interfaces and exposes various performance parameters.

Web Services and applications are supported by a myriad of platforms, technologies, and mechanisms for syntax (mostly XML-based) and semantics (Ontology, Semantic Web). Special Web Services based applications such as e-Commerce, e-Business, P2P, multimedia, and GRID enterprise-related, allow design flexibility and easy to develop new services. The challenges consist of service discovery, announcing, monitoring and management; on the other hand, trust, security, performance and scalability are desirable metrics under exploration when designing such applications.

ICIW 2012 comprised five complementary tracks. They focused on Web technologies, design and development of Web-based applications, and interactions of these applications with other types of systems. Management aspects related to these applications and challenges on specialized domains were aided at too. Evaluation techniques and standard position on different aspects were part of the expected agenda.

We take this opportunity to thank all the members of the ICIW 2012 Technical Program Committee as well as the numerous reviewers. The creation of such a broad and high-quality conference program would not have been possible without their involvement. We also kindly thank all the authors who dedicated much of their time and efforts to contribute to the ICIW 2012. We truly believe that, thanks to all these efforts, the final conference program consists of top quality contributions.

This event could also not have been a reality without the support of many individuals, organizations, and sponsors. We are grateful to the members of the ICIW 2012 organizing committee for their help in handling the logistics and for their work to make this professional meeting a success.

We hope that ICIW 2012 was a successful international forum for the exchange of ideas and results between academia and industry and for the promotion of progress in Web Services.

We are convinced that the participants found the event useful and communications very open. The beautiful city of Stuttgart surely provided a pleasant environment during the conference and we hope you had a chance to visit the surroundings.

ICIW 2012 Chairs

Steffen Fries, Siemens AG, Corporate Technology - Munich, Germany

Mihhail Matskin, NTNU, Norway

Vagan Terziyan, University of Jyvaskyla, Finland