ICIW 2011

Foreword

The Sixth International Conference on Internet and Web Applications and Services (ICIW 2011) held on March 20-25, 2011 in St. Maarten, The Netherlands Antilles, 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 2011 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.

ICIW 2011 also included:

- ECCSS 2011, The First International Workshop on Enterprise Cloud Computing - Strategies and Solutions

We take this opportunity to thank all the members of the ICIW 2011 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 2011. 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 2011 organizing committee for their help in handling the logistics and for their work to make this professional meeting a success.

We hope that ICIW 2011 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 places of St. Maarten surely provided a pleasant environment during the conference and we hope you had a chance to visit the surroundings.

ICIW 2011 Chairs

Steffen Fries, Siemens AG, Corporate Technology - Munich, Germany
Mihhail Matskin, NTNU, Norway
Guadalupe Ortiz, University of Cádiz, Spain
Mark Perry, Faculty of Law /Faculty of Science, University of Western Ontario - London, Canada
Hideyasu Sasaki, Ritsumeikan University - Kyoto, Japan / New York State Bar, NY, USA
Javier Cubo, University of Malaga, Spain
Didier Sebastien, University of Reunion Island, France
Mark Perry, Faculty of Law /Faculty of Science, University of Western Ontario - London, Canada
Hideyasu Sasaki, Ritsumeikan University - Kyoto, Japan / New York State Bar, NY, USA
Guadalupe Ortiz, University of Cádiz, Spain
Natalia Kryvinska, University of Vienna, Austria
Jean-Pierre Gerval, ISEN Brest, France
Matthias Ehmann, University of Bayreuth, Germany
Benoit Christophe, Alcatel-Lucent Bell Labs, France

ECCSS 2011 Chairs

Zaigham Mahmood, University of Derby, UK
Zhengxu Zhao, Shijiazhuang Tiedao University, China