

ICCGI 2015

Forward

The Tenth International Multi-Conference on Computing in the Global Information Technology (ICCGI 2015), held between October 11 - 16, 2015 - St. Julians, Malta, comprised a series of independent tracks that complement the challenges on various facets of computation, systems solutions, knowledge processing, system implementation, and communications and networking technologies.

Topics are covering a large spectrum of topics related to global knowledge concerning computation, technologies, mechanisms, cognitive patterns, thinking, communications, user-centric approaches, nanotechnologies, and advanced networking and systems. The conference topics focused on challenging aspects in the next generation of information technology and communications related to the computing paradigms (mobile computing, database computing, GRID computing, multi-agent computing, autonomic computing, evolutionary computation) and communication and networking and telecommunications technologies (mobility, networking, bio-technologies, autonomous systems, image processing, Internet and web technologies), towards secure, self-defendable, autonomous, privacy-safe, and context-aware scalable systems.

The conference had the following tracks:

- Networking technologies
- Digital information processing
- Modeling
- Software development and deployment
- Mobile and intelligent techniques
- Optimization and performance

Similar to the previous edition, this event attracted excellent contributions 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 ICCGI 2015 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 ICCGI 2015. 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 ICCGI 2015 organizing committee for their help in handling the logistics and for their work that made this professional meeting a success.

We hope ICCGI 2015 was a successful international forum for the exchange of ideas and results between academia and industry and to promote further progress in the field of computing in the global information technology. We also hope that St. Julians, Malta provided a pleasant environment during the conference and everyone saved some time to enjoy the beauty of the city.

ICCGI 2015 Chairs

CCGI Advisory Committee

Constantin Paleologu, University Politehnica of Bucharest, Romania

Tibor Gyires, Illinois State University, USA

Luc Vouligny, Institut de Recherche d'Hydro-Québec - Varennes, Canada

John Terzakis, Intel, USA

Yasushi Kambayashi, Nippon Institute of Technology, Japan

Mirela Danubianu, "Stefan cel Mare" University of Suceava, Romania

Teemu Kanstrén, VTT Technical Research Centre of Finland, Finland

Mansour Zand, University of Nebraska, USA

Arno Leist, Massey University, New Zealand

Jean-Denis Mathias, IRSTEA, France

Dominic Girardi, RISC Software GmbH, Austria

ICCGI Special Area Chairs

Knowledge/Cognition

Constandinos Mavromoustakis, University of Nicosia, Cyprus

Tadeusz Pankowski, Poznan University of Technology, Poland

e-Learning/Mobility

José Rouillard, Université Lille Nord, France

Industrial Systems

Beata Czarnacka-Chrobot, Warsaw School of Economics, Poland

Bernhard Freudenthaler, Software Competence Center Hagenberg GmbH, Austria

ICCGI Publicity Chair

Marek Opuszko, Friedrich-Schiller-University of Jena, Germany