

# ICCGI 2013

## Foreword

The Eighth International Multi-Conference on Computing in the Global Information Technology (ICCGI 2013), held between July 21 and July 26, 2013 in Nice, France, continued a series of international events 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.

We take here the opportunity to warmly thank all the members of the ICCGI 2013 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 ICCGI 2013. 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 are grateful to the members of the ICCGI 2013 organizing committee for their help in handling the logistics and for their work to make this professional meeting a success.

We hope that ICCGI 2013 was a successful international forum for the exchange of ideas and results between academia and industry and for the promotion of progress in the field of computing in the global information technology.

We are convinced that the participants found the event useful and communications very open. We hope that Nice, France provided a pleasant environment during the conference and everyone saved some time to enjoy the charm of this city.

### **ICCGI 2013 Chairs:**

#### **ICCGI 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

#### **ICCGI Special Area Chairs**

##### **Knowledge/Cognition**

Constandinos Mavromoustakis, University of Nicosia, Cyprus

**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