

## **Message from the ICTAI 2014 Program Chair**

On behalf of the Program Committee, I would like to welcome you to the 26th IEEE International Conference on Tools with Artificial Intelligence (ICTAI 2014), being held in Limassol, Cyprus. ICTAI 2014 serves as a major international forum for the creation and exchange of ideas related to artificial intelligence and promotes these ideas' transfer into practical tools for developing intelligent systems.

This year, we have solicited and received submissions in the areas of AI Foundations; AI in Domain Specific Applications; AI in Computer Systems; AI in Data Analytics and Big Data; Machine Learning and Data Mining; Knowledge Representation, Reasoning and Cognitive Modelling; AI and Decision Systems; Uncertainty in AI; and AI Tools for Manufacturing Innovation. Also, a special track on SAT and CSP Technologies, with a separate program committee, has attracted papers in that area.

The ICTAI 2014 program includes presentations sessions of all accepted research papers as well as 3 keynote addresses by Éric Grégoire, George Vouros and Barry O'Sullivan. A total of 265 papers were submitted to ICTAI 2014, and in addition 47 more were submitted to the special track on SAT and CSP Technologies. Out of the 265 papers, 83 were accepted as regular papers, and an additional 38 were accepted as short papers. Out of the 47 papers of the special track on SAT and CSP Technologies, 23 were accepted. Finally, a number of papers were also accepted in the CIMA-14 Workshop, sponsored by the University of Patras in conjunction with ICTAI 2014. Special thanks to the Workshop Organizers Ioannis Hatzilygeroudis, Vasile Palade and Jim Prentzas.

The success of ICTAI 2014 would not be possible without the hard work and dedication of many volunteers. I am most grateful for the excellent work done by 15 Program Committee Area Chairs, 154 Program Committee Members, and 86 additional reviewers. Many thanks for the constant support of Professor Nikolaos Bourbakis and the Steering Committee he has chaired. Special thanks also to Éric Grégoire and Bertrand Mazure, Program Committee Chairs of the special track on SAT and CSP Technologies, and their program committee.

Christos Mettouris, Publicity Chair and Web Master, and Achilleas Achilleos, Local Arrangements Chair, have done an outstanding job. Most importantly, I would like to extend my deep thanks to all the authors and attendees and wish you an exciting and productive time at the conference.

**George Angelos Papadopoulos**