Message from CISIS-2010 General Co-Chairs

Welcome to the Fourth International Conference on Complex, Intelligent and Software Intensive Systems (CISIS-2010). The conference will be held at Andrzej Frycz Modrzewski Cracow College, Krakow, Poland in conjunction with ARES-2010 International Conference. The aim of the conference is to deliver a platform of scientific interaction between the three interwoven challenging areas of research and development of future ICT-enabled applications: Software Intensive Systems, Complex Systems and Intelligent Systems.

Software Intensive Systems are systems which heavily deal with other systems, sensors, actuators, devices, other software systems and users. More and more domains are involved with software intensive systems, e.g. automotive, telecommunication systems, embedded systems in general, industrial automation systems and business applications. Moreover, the outcome of web services delivers a new platform for enabling software intensive systems. The conference is thus focused on tools, practically relevant and theoretical foundations for engineering software intensive systems.

Complex Systems Research is focused on the overall understanding of systems rather than its components. Complex Systems are very much characterized by the changing environments in which they act and by their multiple internal and external interactions. They evolve and adapt through internal and external dynamic interactions.

The development of Intelligent Systems and agents which is each time more characterized by the use of ontologies and their logical foundations build a fruitful impulse for both Software Intensive Systems and Complex Systems. Recent research in the field of intelligent systems, robotics, neuroscience, artificial intelligence, and cognitive sciences are very important factor for the future development and innovation of software intensive and complex systems.

CISIS-2010 is aiming at delivering a forum for in-depth scientific discussions amongst the three communities. The papers included in the proceedings cover all aspects of theory, design and application of complex systems, intelligent systems and software intensive systems. The program of the conference consisted of 54 papers (33% acceptance rate), selected after a careful review process of 3 to 5 independent reviews per submission.

The organization of an International Conference requires the support and help of many people. A lot of people have helped and worked hard to produce a successful CISIS-2010 technical program and conference proceedings. First, we would like to thank all the authors for submitting their papers, the Program Committee Members, and the reviewers who carried out the most difficult work by carefully evaluating the submitted papers. We would like to thank Dr. Salvatore Vitabile (University of Palermo, Italy), Dr. Takahiro Hara (Osaka University, Japan) and Dr. Ilsun You (Korean Bible University, Korea) as CISIS-2010 PC Co-Chairs for their efficient and timely work. Their coordination work was excellent,
which made CISIS-2010 a very successful event.

This year in conjunction with CISIS-2010 we have 12 International Workshops that complemented CISIS 2010 program with contributions for specific topics. We would like to thank the Workshop Chairs Dr. Hui-Huang Hsu (Tamkang University, Taiwan), Dr. Arjan Durresi (Indiana University Purdue University at Indianapolis, USA) and Prof. Minoru Uehara (Toyo University, Japan) and all the workshop organizers for organizing these workshops.

We thank Amin Anjomshoa, Vienna University of Technology, for his excellent work and support with the Web Submission and Management System of conference. We are grateful to Web Administrators Simon Tjoa and Stefan Jakoubi, Secure Business Austria for their help and support.

Finally, we would like to thank the Local Arrangement of Andrzej Frycz Modrzejewski Cracow College for their support and good local arrangement for the conference.

We hope you will enjoy the conference and have a great time in Krakow.

**General Co-Chairs**
Leonard Barolli, Fukuoka Institute of Technology (FIT), Japan
Fatos Xhafa, Technical University of Catalonia, Spain