Welcome Message from CISIS-2011

General Co-Chairs

Welcome to the Fifth International Conference on *Complex, Intelligent and Software Intensive Systems* (CISIS-2011). The conference will be held at Korean Bible University (KBU), Seoul, Korea in conjunction with IMIS-2011 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 interact 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-2011 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 conference consisted of 54 papers (31% acceptance rate), selected after a careful review process of 3 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-2011 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 are grateful to Honorary Co-Chairs Prof. Makoto Takizawa, Seikei University, Japan and Prof. Uoo-Chung Kang, Korean Bible University, Korea.

We would like to thank Dr. Ilsun You, Korean Bible University, Korea and Prof. Nik Bessis, University of Derby, UK as CISIS-2011 PC Co-Chairs for their efficient and timely work.

This year in conjunction with CISIS-2011 we have 7 International Workshops that complemented CISIS 2011 program with contributions for specific topics. We would like to thank the Workshop Co-Chairs Dr. Joanna Kolodziej, University of Bielsko-Biala, Poland, Dr. Salvatore Vitabile, University of Palermo, Italy, Prof. Minoru Uehara, Toyo University, Japan and all workshop organizers for organizing these workshops.

We thank Dr. Makoto Ikeda, Fukuoka Institute of Technology for his excellent work and support as Web Administrator with the Web Submission and Management System of conference.

Finally, we would like to thank the Local Arrangement of KBU for their support and good local arrangement for the conference.

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

General Co-Chairs

Leonard Barolli, Fukuoka Institute of Technology (FIT), Japan

Fatos Xhafa, Technical University of Catalonia, Spain