Message from the Organizing Committee
3PGCIC 2015

Welcome to the 10th International Conference on P2P, Parallel, Grid, Cloud and Internet Computing (3PGCIC 2015), which will be held in conjunction with BWCCA 2015 International Conference from November 4 to November 6, 2015 in Krakow, Poland.

P2P, Grid, Cloud and Internet computing technologies have been very fast established as breakthrough paradigms for solving complex problems by enabling large-scale aggregation and sharing of computational, data and other geographically distributed computational resources.

Grid Computing originated as a paradigm for high performance computing, as an alternative to expensive supercomputers. Since late 80’s, Grid computing domain has been extended to embrace different forms of computing, including Semantic and Service-oriented Grid, Pervasive Grid, Data Grid, Enterprise Grid, Autonomic Grid, Knowledge and Economy Grid, etc.

P2P Computing appeared as the new paradigm after client-server and web-based computing. These systems are evolving beyond file sharing towards a platform for large scale distributed applications. P2P systems have as well inspired the emergence and development of social networking, B2B (Business to Business), B2C (Business to Consumer), B2G (Business to Government), B2E (Business to Employee), and so on.

Cloud Computing has been defined as a “computing paradigm where the boundaries of computing are determined by economic rationale rather than technical limits”. Cloud computing is a multi-purpose paradigm that enables efficient management of data centres, timesharing, and virtualization of resources with a special emphasis on business model. Cloud Computing has fast become the computing paradigm with applications in all application domains and providing utility computing at large scale.

Finally, Internet Computing is the basis of any large-scale distributed computing paradigms; it has very fast developed into a vast area of flourishing field with enormous impact on today’s information societies. Internet-based computing serves thus as a universal platform comprising a large variety of computing forms.

The aim of the 3PGCIC conference is to provide a research forum for presenting innovative research results, methods and development techniques from both theoretical and practical perspectives related to P2P, Grid, Cloud and Internet computing.

Many people have helped and worked hard to produce a successful 3PGCIC 2015 technical program and conference proceedings. First, we would like to thank all the authors for submitting their papers, the PC members, and the reviewers who carried out the most difficult work by carefully evaluating the submitted papers. Based on the reviewers’ reports, the Program Committee selected 79 papers (30% acceptance rate) for presentation in the conference and publication in the IEEE CPS proceedings. The General Chairs of the conference would like to thank the PC Co-Chairs Lidia Ogiela, AGH University of Science and Technology, Krakow, Poland, Fabrizio Messina, University of Catania, Italy, Tetsuya Sakurai, University of Tsukuba, Japan for their great efforts in organizing a successful conference and an interesting conference programme. We would like to appreciate the work of the Workshop Co-Chairs Tomasz Hachaj, Pedagogical University of Krakow, Poland, Takayuki Nishio, Kyoto University, Japan, Jan Platos, Technical University of Ostrava, Czech Republic for supporting the workshop organizers. Our
appreciations also go to all workshops organizers for their hard work in successfully organizing these workshops.

We thank Joan Arnedo Moreno, Open University of Catalonia, Spain, for his excellent work and support with the Web Submission and Management System of conference.

We would like to express our gratitude to Michal Sliwa, Rector of the Pedagogical University of Krakow and Prof. Makoto Takizawa, Hosei University, Japan, as Honorary Co-Chairs of 3PGCIC 2015 for his support and encouragement.

Our special thanks to Prof. Vaclav Snasel, Technical University of Ostrava, Czech Republic and Dr. Tomoki Yoshihisa, Osaka University, Japan for delivering excellent and inspiring keynotes at 3PGCIC 2015.

Finally, we would like to thank the Local Arrangement at Krakow for making excellent local arrangement for the conference.

We hope you will enjoy the conference and have a great time in Krakow, Poland!

Fatos Xhafa, Technical University of Catalonia, Spain
Leonard Barolli, Fukuoka Institute of Technology, Japan
Marek R. Ogiela, AGH University of Science and Technology, Poland
3PGCIC 2015 General Co-Chairs

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3PGCIC 2015 Program Committee Co-Chairs