Welcome Message from the International Workshop Organizers

ADiS 2014

It is our great pleasure to welcome you in Birmingham, United Kingdom, for the 5th International Workshop on Autonomic Distributed Systems (ADiS 2014). ADiS workshop is dedicated to dissemination and evaluation of current advance solutions for autonomic computing in Large-Scale Distributed Systems (LSDS). Autonomic Computing is based on the self-management capability of LSDS, more specific on the self-configuration, self-healing, self-optimization, and self-protection properties. In LSDS, one of the most important aspects is the dependability, which means to increase the reliability, availability, safety and security of the system. The models used in the development of systems with such capabilities combine monitoring, scheduling, data management, security, and fault tolerance. This is a challenge of today research, due to the strong requirements imposed by the dynamic behavior of the user and resource communities. Autonomic computing represent also a greatest challenge faced by the IT industry: conquering the growing complexity of large-scale systems.

The purpose of the workshop is to provide an open forum for researchers from academia and other research community to present, discusses, and exchange related ideas, results, and experiences in this area. The workshop also aims at stimulating synergies between these new approaches, autonomic computing for LSDS and self-organizing distributed systems, and the traditional models in this domain.

The workshop co-chairs wish to thank the referees who have carefully reviewed the papers and gave useful suggestions and feedback to the authors. We hope that the readers will find the papers accepted in this workshop useful in their research.

We would like to thank all the authors for submitting their research works to the workshop as well as to the authors of accepted papers for their participation and presentation of the papers in the workshop.

Finally, we would like to thank Prof. Fatos Xhafa, Technical University of Catalonia, Spain and Prof. Leonard Barolli, Fukuoka Institute of Technology (FIT), Japan for the great opportunity to organize this workshop.

We look forward to meet you all again in the 2015 edition of the workshop!

ADiS 2014 Workshop Co-Chairs
Florin Pop, University Politehnica of Bucharest, Romania
Ciprian Dobre, University Politehnica of Bucharest, Romania
Valentin Cristea, University Politehnica of Bucharest, Romania