Concurrency Specification and Programming 2013 (CS&P'13)

Preface

_____

This is the second part of the sixteenth special issue of Fundamenta Informaticae, based on the CONCURRENCY SPECIFICATION AND PROGRAMMING (CS&P) workshop, in succession to the fifteenth special issue published in 2013. This part contains 15 selected and extended versions out of 42 papers presented at the meeting that took place in Warsaw from the 25th to the 27th of September 2013. As it was the case of all the previous special issues of Fundamenta Informaticae, based on CS&P, the papers have been selected on the basis of a review process admitted by international scientific periodicals. A complete collection of the contributions has been edited by scientists of the Warsaw University and published before the workshop as Proceedings. Therefore, this is a continuation of the tradition of the former CS&P workshops, whose participants had been supplied with proceedings in the form of technical reports during the meetings. The papers contained in both the parts of the special issue cover the following topics: mathematical models of concurrent systems, parallel algorithms, model checking, multi-agent systems, rough sets, workflow systems, mereological approaches, knowledge management, knowledge discovery and data mining, neural networks, machine learning, robotics, genetic algorithms, as well as soft computing and some applications.

The CS&P workshops, being held every even year in Germany and every odd year in Poland, are supported by two universities: the Warsaw University and the Humboldt University of Berlin on the basis of an exchange programme. Initiated by computer science and mathematical logic interest groups affiliated to the two universities in the mid-seventies of the XX century, the workshops were suspended for some years in the eighties and resumed in 1992 in the extended form of participation: they evolved from bilateral meetings to the meetings hosting researchers also from a number of countries other than Germany and Poland. The scope of the subjects has been broadened too: from linguistic and logical issues initially to such research areas as the ones mentioned above.

Wojciech Penczek
Institute of Computer Science, PAS, Warsaw, Poland
and Institute of Informatics, Siedlce University, Poland
and
Ludwik Czaja
Academy of Finance and Business Vistula, Warsaw, Poland
and Institute of Informatics, University of Warsaw, Poland
(Editors of the issue)

Warsaw, October 2014