

Concurrency Specification and Programming (CS&P)

Preface

This is the first part of the fourteenth special issue of *Fundamenta Informaticae* devoted to the CONCURRENCY SPECIFICATION AND PROGRAMMING (CS&P) workshop, in succession to the thirteenth special issue published in 2011.

This part contains selected and extended versions of 13 out of 54 papers presented at the meeting that took place in Pułtusk, Poland, from 28 to 30 September 2011. As it was the case of all the previous special issues of *Fundamenta Informaticae* based on CS&P, the papers were 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 University of Warsaw and Białystok University of Technology, and published before the workshop by the latter institution as *Proceedings*. This is, thus, a continuation of the tradition of the former CS&Ps, whose participants had been supplied with proceedings in the form of technical reports during the meetings. The papers contained in both parts of the special issue cover the following topics: mathematical models of concurrent systems, Petri nets in particular, parallel algorithms, model checking and testing, theory of programming, specification languages, multiagent systems, rough sets, object-oriented approaches, knowledge management, knowledge discovery and data mining, 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 University of Warsaw and Humboldt University in Berlin on the basis of an exchange programme. Initiated by computer science and mathematical logic interest groups affiliated to Warsaw and Humboldt 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 subjects has been broadened too: from linguistic and logical issues initially to such research areas as the ones mentioned above.

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