

## **Concurrency Specification and Programming (CS&P)**

### **Preface**

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This is the second part of the thirteenth special issue of *Fundamenta Informaticae* devoted to the CONCURRENCY SPECIFICATION AND PROGRAMMING (CS&P) workshop, in succession to the twelfth special issue published in 2010. This part contains selected and extended versions of 7 out of 40 papers presented at the meeting that took place in Helenenau, Germany, from the 27th to the 29th of September 2010. As it was the case of all the previous special issues of *Fundamenta Informaticae* based on the CS&P workshop, 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 published before the workshop by the Humboldt University of Berlin 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 at 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 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.

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