

## **Concurrency, Specification and Programming**

### **Preface**

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This is the fifteenth special issue of *Fundamenta Informaticae* devoted to the CONCURRENCY SPECIFICATION AND PROGRAMMING (CS&P) workshop, in succession to the fourteenth published in 2012.

This issue contains selected and extended versions of 17 out of 39 papers presented at the meeting that took place in Berlin from 26 to 28 September 2012. The papers were selected on the basis of a review process admitted by international scientific periodicals. A complete collection of the contributions to the CS&P'2012 has been edited by scientists of the Humboldt University 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 this special issue cover the following topics: mathematical models of concurrent systems, Petri nets in particular, model checking and testing, formal languages, software measurement and management, multiagent systems, rough sets, knowledge management, knowledge discovery and data mining as well as some applications.

The CS&P workshops, being held every even year in Germany and every odd year in Poland, are organized 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 mentioned above, but not limited to those.

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