

CONCURRENCY SPECIFICATION AND PROGRAMMING

Preface

This is the sixth special issue of *Fundamenta Informaticae* devoted to the CONCURRENCY SPECIFICATION AND PROGRAMMING (CS&P) workshop, in succession to the fifth special issue published in 2003. It contains a selection of 26 papers (three invited including) presented at the meeting that took place in Czarna, Poland from 25th to 27th September, 2003. The papers make about half of all the contributions to CS&P'2003, following acceptance for publication in this issue. A complete collection of the contributions has been published before the workshop by the Warsaw University in two volumes as *Proceedings*. This is, thus, a continuation of tradition of the former CS&Ps, whose participants had been supplied with proceedings in the form of technical reports during the meetings. The papers encompass various topics such as classical Petri nets theme, their theory and related issues, model checking, parallel algorithms and computational models, time-dependent systems, knowledge management, rough set theory, data mining, agent oriented approaches, and logical specifications. Besides, three invited papers present certain problems with their solution methods that may initiate some original research directions.

The CS&P workshops, being held every even year in Germany and every odd year in Poland, are supported by Humboldt and Warsaw Universities on the basis of an exchange programme. Initiated by computer science interest groups affiliated to both institutions in the mid-seventies of 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 semantic and logical concepts in concurrency, specification and programming at present, along with such research areas as mentioned above.

It should be acknowledged that University of Information Technology and Management in Rzeszow, Poland, joined the organizers team of CS&P'2003 not only with a prevailing financial support, but also with a significant involvement into the administrative duties. It was participation of this institution that made it possible to choose Czarna for the venue - a resort situated in the midst of the untainted by civilization Bieszczady mountains, nonetheless offering comfortable accommodation and conference facilities.

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