

Concurrency Specification and Programming (CS&P)

This is the eighth special issue of *Fundamenta Informaticae* devoted to the CONCURRENCY SPECIFICATION AND PROGRAMMING (CS&P) workshop, in succession to the seventh special issue published in 2005. It contains selected and extended versions of 30 out of 55 papers presented at the meeting that took place in Ruciane-Nida (in a lake district in Poland), from 28 to 30 September 2005. The papers were selected on the basis of a further review process admitted in international scientific periodicals. A complete collection of the contributions has been published before the workshop by Warsaw University in two volumes 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 encompass the following topics: mathematical models of concurrent systems, Petri nets in particular, parallel algorithms, model checking, theory of formal languages, specification languages, multiagent systems, rough sets, object-oriented approaches, knowledge management, knowledge discovery and data mining, as well as soft computing.

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. Since 2003 the University of Information Technology and Management in Rzeszów, Poland, has participated in the organizers team. Initiated by computer science and mathematical logic interest groups affiliated to Warsaw and Humboldt Universities 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 such research areas as mentioned above.

Editors

Hans-Dieter Burkhard (Humboldt Universität zu Berlin)

Ludwik Czaja (Warsaw University)

Gabriela Lindemann (Humboldt Universität zu Berlin)

Wojciech Penczek (Humboldt Universität zu Berlin)

Andrzej Salwicki (Warsaw University)

Holger Schlingloff (Fraunhofer Institut FIRST and Humboldt University, Berlin)

Zbigniew Suraj (University of Information Technology and Management)

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