



## Preface

This three-volume booklet contains the papers presented at CS&P '06, the 15<sup>th</sup> International Workshop on Concurrency, Specification and Programming. CS&P '06 is held on Wandlitz near Berlin, Germany, on September 27<sup>th</sup>–29<sup>th</sup>, 2006.

The CS&P workshop series has been established under this name in 1992; it emerged from a cooperation between Humboldt University Berlin and Warsaw University which dates back to the mid-1970's. It is being organised in turn by the computer science departments of both universities, and, since 2003, by the University of Information Technology and Management in Rzeszow. CS&P '06 in addition is partly organised by Fraunhofer FIRST, the Fraunhofer Institute for Computer Architecture and Software Technology, Berlin.<sup>1</sup>

What's more, the interest in CS&P is steadily growing beyond the range of these institutions: Presently, there are 73 authors from 9 countries. Following its tradition, the meeting nevertheless tries to retain an informal working atmosphere. Therefore, the call for papers welcomed drafts and extended abstracts as well as fully elaborated contributions.

The submissions received in return for the call for papers were each carefully reviewed by at least 2 program committee members or delegate referees. Out of these, the program committee decided to accept 43 contributions.<sup>2</sup> The accepted papers were revised according to the referee's suggestions and are now published in the proceedings at hand as well as on the workshop web site ([www2.informatik.hu-berlin.de/ki/CSP2006](http://www2.informatik.hu-berlin.de/ki/CSP2006)). Additionally, it is planned that selected articles from CS&P '06 will appear in a special issue of the journal "Fundamenta Informaticae".

Due to the history of the workshop, this year's contributions focus on Petri net theory, autonomous agents and robots, logic and model theory, model-based

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<sup>2</sup> The organisation of the submission, refereeing and publication process was greatly facilitated by the EasyChair conference management system ([www.easychair.org](http://www.easychair.org)); the organisers would like to thank Andrei Voronkov and his team for this wonderful software.

## II

design and verification, security issues, programming languages, rough sets and other mathematical structures, and the theory of approximation spaces and information systems.

The program committee also decided on Antoni Mazurkiewicz as an invited speaker to deliver a lecture of general interest to the conference participants. Notes for his talk on “Compositional Systems over Reducible Networks” can be found in these proceedings.

However, CS&P '06 will be memorised by the participants not only for the remarkable scientific program: It takes place in a small village near Berlin close to the famous forest and hunting area “Schorfheide”. This is one of Germany’s largest forestal areas, with an exceptional landscape, rare wildlife and recreational possibilities.

Let’s look forward to an exciting workshop event!

Berlin, September 2006

Hans-Dieter Burkhard  
Gabriela Lindemann-v.Trzebiatowski  
Bernd-Holger Schlingloff

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# Conference Organisation

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## List of Referees

The program committee gratefully acknowledges the help of the following referees in the evaluation of submitted papers.

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