Preface


The suggested topics of the conference included automated deduction and interactive theorem proving, constructive mathematics and type theory, equational logic and term rewriting, automata and formal logics, modal and temporal logic, model checking, logical aspects of computational complexity, finite model theory, computational proof theory, logic programming and constraints, lambda calculus and combinatory logic, categorical logic and topological semantics, domain theory, database theory, specification, extraction and transformation of programs, logical foundations of programming paradigms, verification of security protocols, linear logic, higher-order logic, nonmonotonic reasoning, logics and type systems for biology.

In response to the Call for Papers, a total of 132 abstracts were submitted of which 108 were accompanied by a full paper. The International Programme Committee accepted 37 papers for presentation and inclusion in these proceedings. The Programme Committee invited lectures from Martín Escardó (Birmingham), Paul-André Melliès (Paris), Luke Ong (Oxford), Luc Segoufin (Orsay) and Mirosław Truszczyński (Lexington, KY).

The Ackermann Award is the EACSL Outstanding Dissertation Award for Logic in Computer Science. The 2006 Ackermann Award was presented to Balder ten Cate and Stefan Milius at the conference.

These proceedings contain the texts of 4 invited lectures and the 37 accepted papers and the report of the Ackermann Award Committee whose members were J. Makowsky (President of EACSL), D. Niwiński (Vice-President of EACSL), S. Abramsky, B. Courcelle, E. Grädel, M. Hyland, and A. Razborov.

I would like to thank everybody who submitted a paper to the conference and all members of the Programme Committee and their subreferees for their excellent cooperation in the evaluations of the papers. Finally, I would like to thank my colleagues Zsolt Gazdag, Szabolcs Iván and Zoltán L. Németh for their technical assistance during the preparation of these proceedings.
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The conference was sponsored by the Department of Computer Science, University of Szeged, the Hungarian Academy of Science, the Fund for Research and Education in Informatics, the Fund for Szeged and the Nokia Hungary, Ltd.

Szeged, July 2006  Zoltán Ésik
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