Preface

The 1998 Annual Conference of the European Association for Computer Science Logic, CSL'98, was held in Brno, Czech Republic, during August 24-28, 1998. CSL'98 was the 12th in a series of workshops and the 7th to be held as the annual conference of the EACSL.

The conference was organized at Masaryk University in Brno by the Faculty of Informatics in cooperation with universities in Aaachen, Caen, Haagen, Linz, Metz, Pisa, Szeged, Vienna, and other institutions. CSL'98 formed one part of a federated conferences event, the other part being MFCS'98, the 23rd International Symposium on the Mathematical Foundations of Computer Science. This federated conferences event consisted of common plenary sessions, invited talks, several parallel technical program tracks, a dozen satellite workshops organized in parallel, and tutorials.

The federated CSL/MFCS'98 conferences event included 19 invited talks, four of them joint CSL/MFCS'98 talks (D. Harel, W. Maass, Y. Matiyasevic, and M. Yannakakis), four for CSL (P. Hajek, J. Mitchell, Th. Schwentick, and J. Tiuryn), and eleven for MFCS. Last but not least, two tutorials were organized by CSL on the day preceding the symposium on "Inference Rules in Fragments of Arithmetic" by Lev Beklemishev and on "Proofs, Types, and Safe Mobile Code" by Greg Morrisett.

A total of 345 persons attended the federated CSL/MFCS'98 conference which was a great success.

The program committee of CSL'98 selected 27 of 74 papers submitted for the conference. From the 27 papers selected for presentation, 25 were accepted, following the standard refereeeing procedure, for publication in the present proceedings. Three invited speakers submitted papers, that were likewise refereeed and accepted.

Katrin Seyr as co-editor has performed the principal editing work needed in connection with collecting the successive versions of the papers and tidying things up for the final appearance of the CSL'98 proceedings as a Springer LNCS volume using LNCS LATEX style.

We are most grateful to the numerous referees for their work. Finally, we express special thanks to the MFCS/CSL'98 organizing committee chaired by Jan Staudek and to Jozef Gruska and Jiri Zlatuska (co-chairs of the MFCS'98 program committee) for the perfect organization of the federated conference.

February 1999 Georg Gottlob and Etienne Grandjean

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