

# Preface

The 1999 Annual Conference of the European Association for Computer Science Logic, CSL'99, was held in Madrid, Spain, on September 20-25, 1999. CSL'99 was the 13th in a series of annual meetings, originally intended as International Workshops on Computer Science Logic, and the 8th to be held as the Annual Conference of the EACSL. The conference was organized by the Computer Science Departments (DSIP and DACYA) at Universidad Complutense in Madrid (UCM).

The CSL'99 program committee selected 34 of 91 submitted papers for presentation at the conference and publication in this proceedings volume. Each submitted paper was refereed by at least two, and in almost all cases, three different referees. The second refereeing round, previously required before a paper was accepted for publication in the proceedings, was dropped following a decision taken by the EACSL membership meeting held during CSL'98 (Brno, Czech Republic, August 25, 1998).

In addition to the contributed papers, the scientific program of CSL'99 included five invited talks (J.L. Balcázar, J. Esparza, M. Grohe, V. Vianu and P.D. Moses) and two tutorials on "Interactive Theorem Proving Using Type Theory" by D.J. Howe and "Term Rewriting" by A. Middeldorp. Four of the invited speakers have provided papers that have been included in this volume. For the remaining invited speaker, as well as the tutorialists, one-page abstracts have been included. The contents of the invited and contributed papers fall mainly under the following topics: concurrency, descriptive complexity, lambda calculus, linear logic, logic programming, modal and temporal logic, mu calculus, specification, type theory and verification.

We are most grateful to the members of the program committee and all the referees for their work. Finally, we are indebted to all the members of the local organizing committee for their support, which included maintenance of Web pages and assistance to the editing work needed to prepare this proceedings volume according to Springer's instructions.

July 1999

Jörg Flum and Mario-Rodríguez-Artalejo

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