Preface

The annual conference of the European Association for Computer Science Logic, CSL 2003, was held jointly with the 8th Kurt Gödel Colloquium, 8. KGC, at the Vienna University of Technology on 25–30 August 2003.

The conference series CSL started as a program of international workshops on Computer Science Logic, and then in its sixth meeting became the annual conference of the EACSL. This conference was the 17th meeting and 12th EACSL conference.

The KGC is the biennial conference of the Kurt Gödel Society. It has taken place in various formats and has been devoted to special topics in logic, such as computational logic, set theory, algebraic logic, and history of logic.

The CSL 2003 and 8. KGC were organized by the Kurt Gödel Society jointly with the Institut für Algebra und Computermathematik and the Institut für Computersprachen, Vienna University of Technology.

The CSL 2003 and 8. KGC joint program committee had the difficult task of choosing among 112 mostly high-quality submissions. Each paper was referred by at least two reviewers and then discussed by the whole program committee. In the final stage, during a three day electronic discussion, the program committee selected 39 papers for presentation at the conference and publication in these proceedings. Unfortunately, many high-quality papers had to be rejected due to the limitations set by the conference duration.

The program committee chose as invited speakers Bruno Buchberger, Dov Gabbay, Helmut Veith, Nikolai Vorobjov, and Andrei Voronkov. Additionally, Sergei Artemov was invited jointly by CSL 2003 and 8. KGC and the European Summer School in Logic Language and Information (ESSLLI 2003) for the key note address of both events.

In addition to the main conference program, CSL 2003 and 8. KGC featured four tutorials given by Ahmed Bouajjani (Verification of Infinite State Systems), Georg Moser and Richard Zach (The Epsilon Calculus), Nikolai Vorobjov (Effective Quantifier Elimination over Real Closed Fields), Igor Walukiewicz (Winning Strategies and Synthesis of Controllers).

The last day of CSL 2003 and 8. KGC was jointly held with the 2nd annual workshop of the European Research Training Network GAMES (Games and Automata for Synthesis and Validation), organized by Erich Grädel.

We thank the program committee and all the referees for the work in reviewing the papers. We are grateful to Norbert Preining for taking care of the main organizational tasks and we thank the remaining members of the local organizing team, Arnold Beckmann, Agata Ciabattoni, Christian Fermüller, Rosalie Iemhoff, and Sebastiaan Terwijn.

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June 2003

Matthias Baaz and Johann Makowsky

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