Preface


A total of 23 regular papers and 4 system descriptions were selected for presentation from 52 submissions. Each paper was reviewed by at least 4 members of the Program Committee, with the help of 115 external referees. The committee decided to give the Best Paper Award for RTA 2006 to the contribution “Termination of String Rewriting with Matrix Interpretations” by Dieter Hofbauer and Johannes Waldmann for their original and powerful application of SAT solving in proving termination.

I would like to thank all the members of the Program Committee for their diligent, careful, and timely work and thoughtful deliberation, and Andrei Voronkov for providing the EasyChair system which greatly facilitated the reviewing process, the electronic Program Committee meeting, and the preparation of the program and the proceedings.

In addition to contributed papers, the program contained a FLoC plenary talk by Randal Bryant and two invited talks by Javier Esparza and Jürgen Giesl. I would like to thank the invited speakers not only for their presentations, but also for contributing abstracts or full papers to the proceedings.

RTA also sponsored a number of workshops held during FLoC, on the topics of Higher-Order Rewriting (HOR), Rule-Based Programming (RULE), Unification (UNIF), Reduction Strategies in Rewriting and Programming (WRS), Termination (WST), and a meeting of the IFIP Working Group 1.6 on Term Rewriting.

Many people helped to make RTA 2006 a success. I am particularly grateful to Ashish Tiwari, who took on the dual role of Conference Chair and RTA Workshop Chair, Ralf Treinen, the Publicity Chair, and Thomas Ball, Gopal Gupta, Jakob Rehof, and Moshe Vardi from the FLoC Organizing Committee who did an incredible amount of work in the arrangements for RTA and FLoC.

May 2006

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