

Lecture Notes in Artificial Intelligence 4603

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Frank Pfenning (Ed.)

Automated Deduction – CADE-21

21st International Conference on Automated Deduction
Bremen, Germany, July 17-20, 2007
Proceedings

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Preface

This volume contains the proceedings of the 21st International Conference on Automated Deduction, which was held July 17–20, 2007 at the Jacobs University in Bremen, Germany. CADE is the major forum for the presentation of research in all aspects of automated deduction. There were also a number of affiliated workshops on the days preceding CADE, which helped to make the conference a success.

A total of 28 regular papers and 6 system descriptions were selected for presentation from 64 submissions. Each submission was reviewed by at least 4 members of the Program Committee, with the help of 115 external referees. I would like to thank all the members of the Program Committee for their diligent, careful, and timely work and thoughtful deliberations, and Andrei Voronkov for providing the EasyChair system which greatly facilitated the reviewing process, the electronic Program Committee meeting, and the preparation of the proceedings.

In addition to the contributed papers, the program contained four invited talks by Peter Baumgartner, Rustan Leino, Colin Stirling, and Ashish Tiwari. I would like to thank the invited speakers not only for their presentations, but also for contributing abstracts or full papers to the proceedings.

During the conference, the 2007 Herbrand Award for Distinguished Contributions to Automated Reasoning was given to Alan Bundy in recognition of his outstanding contributions to proof planning and inductive theorem proving, as well as to many other areas of automated reasoning and artificial intelligence.

Many people helped to make CADE-21 a success. I am particularly grateful to Michael Kohlhase (Conference Chair), Christoph Benzmüller (Workshop Chair), Amy Felty (CADE Secretary and Publicity Chair), Geoff Sutcliffe (CASC Chair), and all the individual workshop organizers.

May 2007

Frank Pfenning

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