

Preface

This volume contains the contributed papers and the summaries of the invited talks of the 24th International Conference on Automated Reasoning with Analytic Tableaux and Related Methods, which was held during September 21-24 in Wrocław, Poland.

TABLEAUX 2015 was colocated with the 10th International Symposium on Frontiers of Combining Systems (FroCoS 2015), whose proceedings also appeared in the LNAI series of Springer (Volume 9322).

TABLEAUX 2015 received 34 reviewable submissions, of which 4 were system descriptions. After reviewing, 19 full papers and 2 system descriptions were accepted. Each submission was reviewed by at least three Program Committee members, often with the help of external reviewers. The criteria for reviewing were correctness, theoretical importance, and possible implementability.

The Program Committee of TABLEAUX 2015 consisted of 23 members from 11 countries in Europe, South America, and Australia. In addition, 31 external reviewers were consulted. I am very grateful to everyone who was involved in the reviewing process.

In addition to the contributed papers, this volume contains summaries of the three invited talks given by Christoph Benzmüller, Roy Dyckhoff, and Oliver Ray. Together with the Program Committee, I tried to select invited speakers working on diverse topics, varying from the study of tableaux calculi and formalization of higher-order modal logics, to applications of logic in biology and metaphysics.

The FroCoS conference had three invited talks as well, given by Andreas Herzig, Philipp Rümmer, and Thomas Sturm. These talks could be freely attended by TABLEAUX participants.

During the reviewing process, a new conference management system was used, which is called CoCon, with Andrei Popescu and Sergey Grebenshchikov as main developers. Distinguishing features of CoCon are that it runs locally, and that its confidentiality has been formally verified using the proof assistant Isabelle.

I am grateful to Tomasz Wierzbicki and Katarzyna Wodzyńska for their help with local organization, and to Andrei Popescu for developing the web pages of the conference.

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