13th International Conference on Typed Lambda Calculi and Applications

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Preface

This volume contains the papers of the 13th International Conference on Typed Lambda Calculi and Applications (TLCA 2015), which was held during 1–3 July 2015, in Warsaw, Poland. TLCA 2015 was part of the 8th International Conference on Rewriting, Deduction, and Programming (RDP 2015), together with the 26th International Conference on Rewriting Techniques and Applications (RTA 2015), the Workshop on Higher-Dimensional Rewriting and Applications (HDRA), the Workshop on Homotopy Type Theory / Univalent Foundations (HoTT/UF), the 29th International Workshop on Unification (UNIF 2015), the second International Workshop on Rewriting Techniques for Program Transformations and Evaluation (WPTE 2015), and the annual meeting of the IFIP Working Group 1.6 on Term Rewriting.

The TLCA series of conferences serves as a forum for presenting original research results that are broadly relevant to the theory and applications of lambda calculus. Previous TLCA conferences were held in Utrecht (1993), Edinburgh (1995), Nancy (1997), L'Aquila (1999), Kraków (2001), Valencia (2003), Nara (2005), Paris (2007), Brasília (2009), Novi Sad (2011), Eindhoven (2013) and Vienna (2014, merged with RTA).

A total of 23 papers were accepted out of 46 submissions for presentation at TLCA 2015 and for inclusion in the proceedings. I would like to thank everyone who submitted a paper and to express my regret that many interesting papers could not be included. Each submitted paper was reviewed by at least three members of the Programme Committee, who were assisted in their work by 71 external reviewers. I thank the members of the Programme Committee and the external reviewers for their review work, as well as Andrei Voronkov for providing the EasyChair system which proved invaluable throughout the review process and the preparation of this volume.

In addition to the contributed papers, the TLCA 2015 programme contained invited talks by Helene Kirchner (joint with RTA 2015), Herman Geuvers and Martin Hofmann.

Many people helped to make TLCA 2015 a success. I would like to thank RDP 2015 Chair Aleksy Schubert and the Organising Committee, the local organising team, TLCA Publicity Chair Luca Paolini, and the TLCA Steering Committee, especially Paweł Urzyczyn.

June 2015
Thorsten Altenkirch

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