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Boris Konev Frank Wolter (Eds.)

# Frontiers of Combining Systems

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Liverpool, UK, September 10-12, 2007  
Proceedings

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# Preface

This volume contains the proceedings of the Sixth International Symposium on Frontiers of Combining Systems (FroCoS 2007) held September 10-12, 2007 in Liverpool, UK. Previously, FroCoS was organized in Munich (1996), Amsterdam (1998), Nancy (2000), Santa Margherita Ligure near Genoa (2002), and Vienna (2005). In 2004 and 2006, FroCoS joined IJCAR, the International Joint Conference on Automated Reasoning. Like its predecessors, FroCoS 2007 offered a forum for the presentation and discussion of research activities on the combination, integration, analysis, modularization and interaction of formally defined systems, with an emphasis on logic-based ones. These issues are important in many areas of computer science, such as logic, computation, program development and verification, artificial intelligence, automated reasoning, constraint solving, declarative programming, and symbolic computation.

There were 31 submissions to FroCoS 2007. Each submission was reviewed by at least three Programme Committee members. After extensive discussion within the Programme Committee, 14 papers were accepted for presentation and publication in this volume. In addition to technical papers, the volume also includes four invited contributions by Sava Krstic (Intel Corporation, USA), Roberto Sebastiani (University of Trento, Italy), Viorica Sofronie-Stokkermans (Max-Planck-Institut für Informatik, Germany), and Michael Zakharyashev (Birkbeck College London, UK).

Many people and institutions contributed to making FroCoS 2007 a success. We are indebted to the members of the Programme Committee and the additional referees for the thorough reviewing work; the members of the FroCoS Steering Committee for their support, to Andrei Voronkov for free use of the EasyChair conference management system, to sponsorship from EPSRC, and to Dave Shield and Thelma Williams for their invaluable assistance in hosting this conference.

June 2007

Boris Konev  
Frank Wolter

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