

Lecture Notes in Artificial Intelligence 6642

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Preface

This volume contains the papers presented at WoLLIC 2011: 18th Workshop on Logic, Language, Information and Computation, held during May 18–20, 2011, at the University of Pennsylvania, Philadelphia, USA.

WoLLIC is a series of workshops which started in 1994 with the aim of fostering interdisciplinary research in pure and applied logic. The idea was to have a forum which is large enough in the number of possible interactions between logic and the sciences related to information and computation, and yet is small enough to allow for concrete and useful interaction among participants.

WoLLIC 2011 included invited lectures by Rajeev Alur (Philadelphia), Rosalie Iemhoff (Utrecht), John Mitchell (Stanford), Vladimir Voevodsky (Princeton), Yoad Winter (Utrecht), and Michael Zakharyashev (London).

There were 35 submissions, of which the committee decided to accept 21 papers. In addition, WoLLIC 2011 had a special session dedicated to the 65th birthday of Max Kanovich. This session was organized by Andre Scedrov.

The work of the Program Committee was greatly facilitated by the use of the EasyChair conference management system created by Andrei Voronkov.

We should also like to thank the members of the Program Committee as well as the external reviewers for keeping the scientific standards high. The work of the Organizing Committee, represented by Andre Scedrov (Local Chair) and Monica Pallanti (senior departmental administrator, Department of Mathematics, University of Pennsylvania), is greatly appreciated.

Scientific sponsorship of WoLLIC over the years has consistently come from the Interest Group in Pure and Applied Logics (IGPL), the The Association for Logic, Language and Information (FoLLI), the Association for Symbolic Logic (ASL), the European Association for Theoretical Computer Science (EATCS), the European Association for Computer Science Logic (EACSL), the Sociedade Brasileira de Computação (SBC), and the Sociedade Brasileira de Lógica (SBL).

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March 2011

Lev Beklemishev
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