

Preface

This volume contains the papers presented at the 20th International Conference on Logic for Programming, Artificial Intelligence and Reasoning (LPAR-20), held during November 24–28, 2015, at the University of the South Pacific, Suva, Fiji.

Following the call for papers, LPAR-20 received 117 abstracts, materializing into 92 submissions. Each submission was reviewed by a panel of 53 Program Committee (PC) members. The PC was assisted by 107 additional reviewers and decided to accept 43 papers. The EasyChair system provided an indispensable platform for all matters related to the reviewing process, production of these proceedings, program and Web page generation, and registration of participants.

Several workshops were collocated with LPAR-20. The first workshop on Models for Formal Analysis of Real Systems (MARS 2015) was organized by Rob van Glabbeek and Peter Hoefner of NICTA and Jan Friso Groote from Eindhoven University of Technology. The First International Workshop on Focusing was organized by Iliano Cervesato of Carnegie Mellon University and Carsten Schuermann of ITU Copenhagen and Demtech. The 11th International Workshop on the Implementation of Logics was organized by Boris Konev of the University of Liverpool, Stephan Schulz of DHBW Stuttgart, and Laurent Simon of the University of Bordeaux. We were fortunate to have Peter Baumgartner of NICTA as workshop chair.

The local conference organization was arranged by Geoff Sutcliffe and Ansgar Fehnker, and together they put together an excellent event.

LPAR-20 is grateful for the generous support of Microsoft Research and University of the South Pacific.

September 2015

Martin Davis
Ansgar Fehnker
Annabelle McIver
Andrei Voronkov

Logic for Programming, Artificial Intelligence, and
Reasoning

20th International Conference, LPAR-20 2015, Suva, Fiji,
November 24-28, 2015, Proceedings

Davis, M.; Fehnker, A.; McIver, A.; Voronkov, A. (Eds.)

2015, XV, 640 p. 142 illus. in color., Softcover

ISBN: 978-3-662-48898-0