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Preface

This volume contains the proceedings of the 2nd International Conference on Certified Programs and Proofs (CPP 2012) held during 13–15 December 2012 in Kyoto, Japan.

The CPP series of meetings aims to cover those topics in computer science and mathematics in which certification via formal techniques is crucial. This year's edition of CPP was co-located with APLAS 2012 (Asian Symposium on Programming Languages and Systems); similarly, CPP 2011 and APLAS 2011 were co-located in Taiwan. Both CPP 2011 and CPP 2012 took place in Asia in order to provide a focus point for the work on certification that is occurring there. The plan is to eventually locate CPP in Europe and North America as well as in Asia. A manifesto for CPP, written by Jean-Pierre Jouannaud and Zhong Shao, appears in the proceedings of CPP 2011 (LNCS 7086).

We are pleased that Gilles Barthe and Naoki Kobayashi accepted our invitation to be invited speakers for CPP 2012 and that Xavier Leroy and Greg Morrisett accepted to be keynote speakers addressing both APLAS 2012 and CPP 2012.

The program committee for CPP 2012 was composed of 18 researchers from 12 countries. We received a total of 37 submissions and eventually accepted 18 papers. Every submission was reviewed by at least 4 program committee members and their selected reviewers.

We wish to thank the program committee members and their reviewers for their efforts in helping to evaluate the submissions: it was a privilege to work with them. The EasyChair conference management system helped us to deal with all aspects of putting together our program. It was a pleasure to work with Jacques Garrigue, the General Chair for CPP 2012, and with Atsushi Igarashi and Ranjit Jhala who were, respectively, the General Chair and the Program Committee Chair for APLAS 2012. We also wish to thank the invited speakers, the authors of submitted papers, and the reviewers for their interest and strong support of this new conference series. Finally, we thank Nagoya University Graduate School of Mathematics for institutional sponsorship of this meeting.

October 2012

Chris Hawblitzel
Dale Miller

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