

Preface

This volume contains the selected peer-reviewed revised articles that were presented at IFL 2012, the 24th International Symposium on Implementation and Application of Functional Languages. IFL 2012 was held in Oxford, UK, during 30 August–1 September, 2012. The goal of the IFL symposia is to bring together researchers actively engaged in the implementation and application of functional and function-based programming languages. IFL is a venue for researchers to present and discuss new ideas and concepts, work in progress, and publication-ripe results related to the implementation and application of functional languages and function-based programming.

The call for papers generated 37 submissions, all of which were accepted for presentation. Participants are invited to submit either a draft paper or an extended abstract describing work to be presented at the symposium. These submissions are screened by the program chair to make sure they are within the scope of IFL. It should be stressed, however, that these contributions are not peer-reviewed publications. The submissions accepted for presentation appear in the *draft* proceedings distributed at the symposium, which also appeared as a Department of Computer Science technical report (RR-12-06).

After the symposium, authors are given the opportunity to consider the feedback received from discussions at the symposium and are invited to submit revised full articles to the formal review process. The revised submissions are reviewed by the Program Committee considering their correctness, novelty, originality, relevance, significance, and clarity. Of the 37 papers presented at IFL 2012, the Program Committee reviewed 28 revised submissions, and 14 papers were ultimately selected for this volume. Each submission was reviewed by four members of the Program Committee. Three papers had an additional round of “shepherding” by a member of the Program Committee in order to improve the presentation and tailor it for the IFL audience.

Fritz Henglein, from the Department of Computer Science at the University of Copenhagen, was the invited speaker of IFL 2012. He delivered a truly inspiring talk about generic sorting and partitioning in linear time and fully abstractly. Thank you Fritz for your contribution to IFL 2012.

Following the IFL tradition, IFL 2012 provided participants with an opportunity to get to know each other and to talk outside the formal setting of presentations with a social event on the second day of the symposium. This year, the participants embarked on a boat trip on the river Isis, followed by a banquet at Balliol College, one of Oxford’s oldest colleges.

Carrying on a tradition started in 2003, the Program Committee selected a paper for the *Peter J. Landin Award*, given to the best article presented at the symposium. The recipients of the award for IFL 2012 are Kanae Tsushima and Kenichi Asai, from

Ochanomizu University, for their contribution entitled “An Embedded Type Debugger.”

Putting together IFL 2012 was truly a team effort. I am grateful to the Department of Computer Science, Elizabeth Walsh in particular, for administrative support and to St. Anne’s College for hosting the event. I would like to thank the members of the Program Committee and the external referees for their care and diligence in reviewing the submitted papers. A special thank you is due to the three shepherds, Andy Gill, Tim Sheard, and Peter Thiemann. Finally, I would like to thank Kwok-Ho Cheung, Tom Harper, Daniel James, José Pedro Magalhães, and Nicolas Wu, for their help with organizing the symposium and for distributing the call for papers. The review process and compilation of the proceedings were greatly helped by Andrei Voronkov’s EasyChair system, which I can highly recommend.

I hope that the readers will enjoy this collection of selected papers from IFL 2012. Make sure to join us at a future version of IFL!

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