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Scheme 2004

Proceedings of the Fifth Workshop on Scheme and Functional Programming

September 22, 2004
Snowbird, Utah

Olin Shivers and Oscar Waddell, editors

Sponsored by the Association for Computing Machinery's Special Interest Group on Programming Languages (ACM/SIGPLAN)

Preface

This report contains the papers presented at the Fifth Workshop on Scheme and Functional Programming, on September 22, 2004, in Snowbird, Utah.

The purpose of the workshop is to discuss experience with, and future developments of, the Scheme programming language, as well as general aspects of Computer Science loosely centered on the general theme of Scheme. The intention of the steering committee is that the workshop provide an annual focal point where the Scheme community can gather and share ideas: researchers, educators, implementors, programmers, hobbyists, and enthusiasts of all stripes—all welcome.

Eleven papers were submitted in response to the workshop's call for papers. Paper submission and review was conducted via electronic mail. Each paper was read by at least three reviewers including at least two members of the program committee. We are grateful to Olivier Danvy, Kent Dybvig, Martin Gasbichler, Eric Knauel, and Bradley Lucier for their service as outside reviewers.

Several others helped with the planning for the workshop. Mayer Goldberg lent his type-setting expertise to the production of this technical report. Matthew Flatt of the University of Utah allowed himself to be drafted for local arrangements without demur or complaint. Chris Okasaki, ICFP general chairman, and Franklyn Turbak, ICFP workshop chairman, were consistently helpful throughout the process. The Scheme workshop steering committee provided advice and general counsel during the planning of the workshop. We are thankful for all of this support and assistance.

Olin Shivers and Oscar Waddell,
For the program committee

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