

Preface

This volume constitutes the proceedings of the second International Workshop on Types in Compilation (TIC'98), held at the Research Institute for Mathematical Sciences, Kyoto University, Japan, March 25-27, 1998.

Types (in the broadest sense of the word) play a central role in many of the advanced compilation techniques developed for modern programming languages. Standard or nonstandard type systems and type analyses have been found to be useful for optimizing dynamic method dispatch in object-oriented languages, for reducing run-time tests in dynamically-typed languages, for guiding data representations and code generation, for program analysis and transformation, for compiler verification and debugging, and for establishing safety properties of distributed or mobile code. The Types in Compilation workshops bring together researchers to share new ideas and results in this area.

For TIC'98, the program committee received seventeen submissions in response to the call for papers, and selected thirteen papers among those. Each submission received at least four reviews, done by the program committee members or their subreferees (their names appear below). The program committee also invited five additional speakers to complement the presentations of the regular papers.

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Xavier Leroy
Program Chair
TIC'98

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Additional Referees

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Haruo Hosoya

Atsushi Igarashi

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Steve Weeks

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