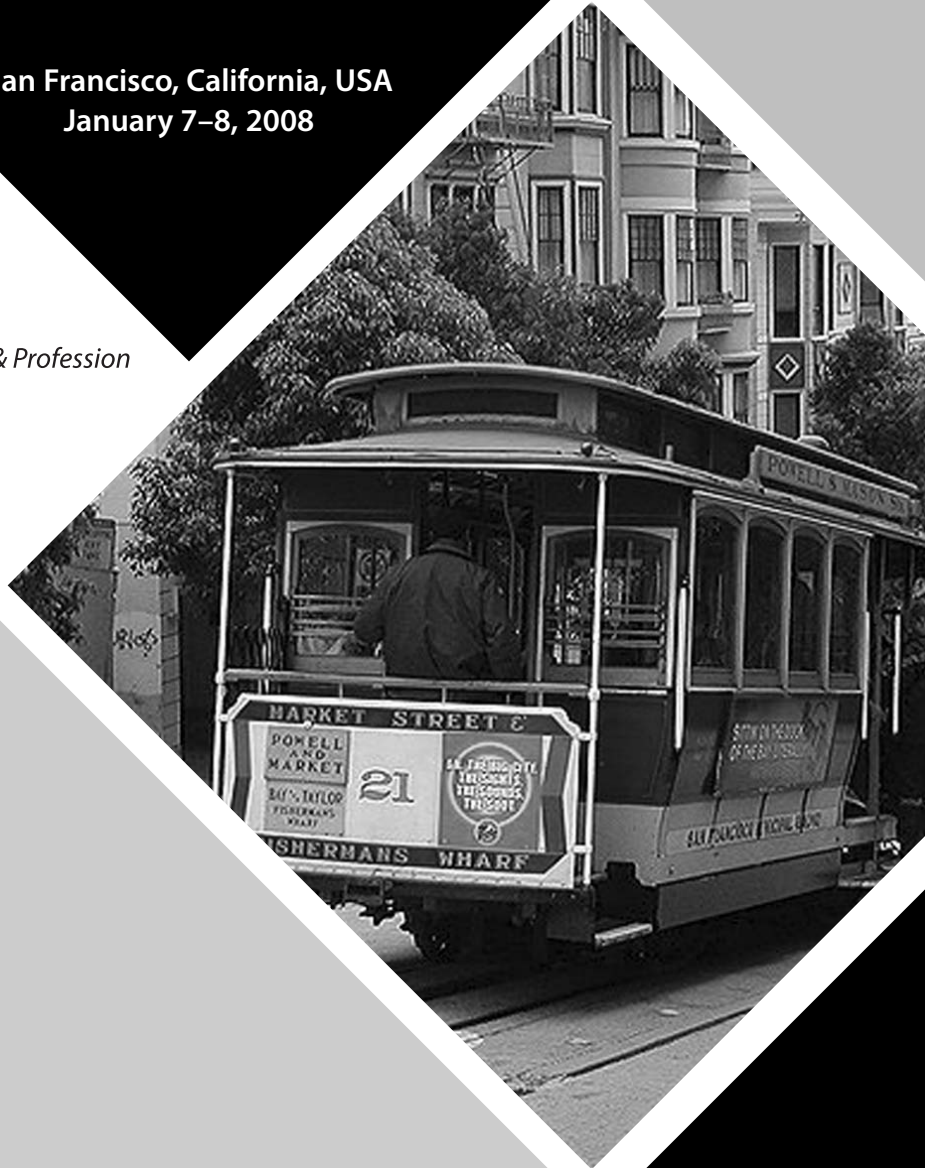


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PEPM'08

Proceedings of the 2008 ACM SIGPLAN Symposium on
**Partial Evaluation and Semantics-Based
Program Manipulation**

Sponsored by:

ACM SIGPLAN



**Association for
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Preface

It is our great pleasure to welcome you to the *Workshop on Partial Evaluation and Program Manipulation – PEPM’08*. This year’s workshop continues its tradition of being the premier forum for presentation of research results and experience reports on leading edge issues of partial evaluation and manipulation of programs. The call for papers was based on a broad interpretation of semantics-based program manipulation and continues last year's successful effort to expand the scope of PEPM significantly beyond the traditionally covered areas of partial evaluation and specialization and include practical applications of program transformations such as refactoring tools, and practical implementation techniques such as rule-based transformation systems. The PEPM series of meetings gives researchers and practitioners a unique opportunity to share their perspectives with others interested in the various aspects of these research topics.

The call for papers attracted 74 submissions, the largest number since the first PEPM was held at Yale University in 1991. All submissions were rigorously reviewed by at least three program committee members. The program committee accepted 20 papers that cover a variety of topics, including program specialization and inversion, static analysis and aspected-oriented programming. In addition, the program includes two invited talks by Ras Bodik (University of California, Berkeley) on program synthesis by sketching and Monica Lam (Stanford University) on combining static and dynamic analysis. We hope that these proceedings will serve as a valuable reference for researchers and developers.

Putting together *PEPM 2008* was a team effort. First of all, we would like to thank the authors and invited speakers for providing the content of the program. We would like to express our gratitude to the program committee and external reviewers, who worked very hard in reviewing a large number of submission within a short time and providing many valuable suggestions for their improvements. We would also like to thank this year’s General Chair, John Hatcliff. Special thanks go to Andrei Voronlov for the *EasyChair* conference system that was used for handling the submissions, reviews, and the final online program committee meeting. Last but not least, many thanks to the Local Arrangements Committee of POPL 2008 for their work on the local arrangements of this affiliated event.

We hope that you will find this program interesting and thought-provoking and that the meeting will provide you with a valuable opportunity to share ideas with other researchers and practitioners from institutions around the world.

Welcome to San Francisco and enjoy PEPM 2008!

January 2008

Robert Glück
Program Co-Chair
University of Copenhagen
Denmark

Oege de Moor
Program Co-Chair
Oxford University
UK

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