Call for Papers – PEPM'02

2002 ACM SIGPLAN Workshop on Partial Evaluation and Semantics-Based Program Manipulation Portland, Oregon, USA, January 14-15, 2002 Preceding POPL'02

`http://www.informatik.uni-freiburg.de/~thiemann/pepm02/`

The PEPM'02 workshop will bring together researchers working in the areas of semantics-based program manipulation, partial evaluation, and program generation. The workshop focuses on techniques, supporting theory, and applications of the analysis and manipulation of programs. Technical topics include, but are not limited to:

- Program manipulation techniques: transformation, specialization, normalization, reflection, rewriting, run-time code generation, multi-level programming.
- Program analysis techniques: abstract interpretation, static analysis, binding-time analysis, attribute grammars, constraints.
- Related issues in language design and models of computation: imperative, functional, logical, object-oriented, parallel, distributed, mobile, secure, domain-specific.
- Programs as data objects: staging, meta-programming, incremental computation, mobility, tools and techniques, prototyping and debugging.
- Applications: systems programming, scientific computing, algorithmics, graphics, security checking, simulation, compiler generation, compiler optimization, decompilation.
- Assessment: applicability of program manipulation techniques to particular architectures and language paradigms, scalability, benchmarking, portability.

Original results that bear on these and related topics are solicited. Papers investigating novel uses and applications of program manipulation in the broadest sense are especially encouraged. Authors concerned about the appropriateness of a topic are welcome to consult with the program chair prior to submission.

Papers should be submitted electronically via the workshop's Web page. Exceptionally, submissions may be emailed to the program chair: `thiemann@uni-freiburg.de`. Acceptable formats are PostScript or PDF, viewable by gv. Submissions should not exceed 5000 words, excluding bibliography and figures. Excessively long submissions may be rejected outright.

Submitted papers will be judged on significance, relevance, correctness, originality, and clarity. They should include a clear identification of what has been accomplished and why it is significant. They must describe work that has not previously been published in a major forum. Authors must indicate if a closely related paper is being considered for another conference or journal.

Proceedings will be published with ACM Press. A special issue of the journal Higher-Order and Symbolic Computation (`http://www.wkap.nl/journals/lasc`) is planned afterwards.

Deadline for submission:	**8 October 2001**
Notification:	**12 November 2001**
Final papers due:	**26 November 2001**

Chair: *Peter Thiemann*, Universität Freiburg, Germany, E-mail: `thiemann@uni-freiburg.de`

Committee:

Maria Alpuente, U. Politécnica de Valencia, Spain
Evelyn Duesterwald, Hewlett-Packard Labs, USA
Robert Glück, DIKU, Denmark&Waseda University, Japan
Michael Hanus, University of Kiel, Germany
Zhenjiang Hu, University of Tokyo, Japan
John Hughes, Chalmers University, Sweden
Mark Jones, OGI, USA
Siau-Cheng Khoo, NUS, Singapore
Jakob Rehof, Microsoft Research, USA
João Saraiva, University of Minho, Portugal
Ulrik Schultz, University of Aarhus, Denmark
David Walker, CMU, USA