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PEPM'17

Proceedings of the 2017 ACM SIGPLAN Workshop on

Partial Evaluation and Program Manipulation

Edited by:

Ulrik Schultz and Jeremy Yallop

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POPL'17

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Message from the Workshop Chairs

We are pleased to present the proceedings of the *2017 ACM SIGPLAN Workshop on Partial Evaluation and Program Manipulation (PEPM'17)*, held in Paris, France, on January 16–17, 2017 in affiliation with the annual Symposium on Principles of Programming Languages (POPL'17). The PEPM series brings together researchers and practitioners working in the broad area of semantics-based program manipulation, an area which spans from refactoring, partial evaluation, supercompilation, staged programming, fusion and other meta-programming to model-driven development, program analysis, inductive programming, decompilation, program generation and abstract interpretation.

This year, in response to the call for papers, we received 21 paper submissions from 23 abstract submissions. From these submissions, the program committee selected 9 full-length technical paper presentations and 1 short paper presentation. In response to a subsequent call for poster papers we received 3 submissions, of which 1 was accepted. This year's PEPM program additionally includes tutorial talks by Robert Glück (University of Copenhagen), David Christiansen (Indiana University) and Gilles Duboscq (Oracle Labs). Finally, we are delighted to welcome Neil Jones (Professor Emeritus, University of Copenhagen), who has been involved with PEPM from the earliest days, as the keynote speaker.

We congratulate the recipients of the PEPM'17 best paper award, which goes to Fritz Henglein and Ulrik Terp Rasmussen (University of Copenhagen) for their paper “PEG Parsing in Less Space Using Progressive Tabling and Dynamic Analysis.”

PEPM'17 would not have been possible without the significant contributions of many individuals and organizations. We are grateful to the POPL'17 general chair and local chair, for taking care of logistical matters and hosting the conference in Paris. Many thanks go to the PC members and the additional reviewers for their dedication in reviewing and discussing the submissions. We also thank the PEPM Steering Committee for providing invaluable assistance and guidance. We thank the authors for their efforts in writing and then revising their papers and addressing the recommendations of the referees in a constructive manner. Our final thanks go to the sponsoring and cooperating institutions for their generous support.

We hope that you find the workshop intellectually stimulating. We are confident that these proceedings will provide a useful scientific reference for years to come.

Jeremy Yallop
University of Cambridge
PEPM'17 Program Co-Chair

Ulrik Pagh Schultz
University of Southern Denmark
PEPM'17 Program Co-Chair

PEPM 2017 Workshop Organization

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Contents

Frontmatter

Message from the Workshop Chairs	iii
---	-----

Invited Paper

Compiling Untyped Lambda Calculus to Lower-Level Code by Game Semantics and Partial Evaluation (Invited Paper) Daniil Berezun and Neil D. Jones — <i>JetBrains, Russia; University of Copenhagen, Denmark</i>	1
---	---

Programming Languages

Detecting Code Clones with Gaps by Function Applications Tsubasa Matsushita and Isao Sasano — <i>Shibaura Institute of Technology, Japan</i>	12
Lightweight Soundness for Towers of Language Extensions Alejandro Serrano and Jurriaan Hage — <i>Utrecht University, Netherlands</i>	23
PEG Parsing in Less Space using Progressive Tabling and Dynamic Analysis Fritz Henglein and Ulrik Terp Rasmussen — <i>University of Copenhagen, Denmark</i>	35

Transformation

Interactive Data Representation Migration: Exploiting Program Dependence to Aid Program Transformation Krishna Narasimhan, Christoph Reichenbach, and Julia Lawall — <i>Goethe University Frankfurt, Germany; R² Software & Systeme, Germany; Sorbonne, France</i>	47
Verification of Code Generators via Higher-Order Model Checking Takashi Suwa, Takeshi Tsukada, Naoki Kobayashi, and Atsushi Igarashi — <i>University of Tokyo, Japan; Kyoto University, Japan</i>	59
A Functional Reformulation of UnCAL Graph-Transformations: Or, Graph Transformation as Graph Reduction Kazutaka Matsuda and Kazuyuki Asada — <i>Tohoku University, Japan; University of Tokyo, Japan</i>	71
Functional Parallels of Sequential Imperatives (Short Paper) Tiark Rompf and Kevin J. Brown — <i>Purdue University, USA; Stanford University, USA</i>	83

Types

Cost versus Precision for Approximate Typing for Python Levin Fritz and Jurriaan Hage — <i>Utrecht University, Netherlands</i>	89
Predicting Resource Consumption of Higher-Order Workflows Markus Klinik, Jurriaan Hage, Jan Martin Jansen, and Rinus Plasmeijer — <i>Radboud University Nijmegen, Netherlands; Utrecht University, Netherlands; Netherlands Defence Academy, Netherlands</i>	99
Refining Types using Type Guards in TypeScript Ivo Gabe de Wolff and Jurriaan Hage — <i>Utrecht University, Netherlands</i>	111

Poster

Language-Integrated Query with Ordering, Grouping and Outer Joins (Poster Paper) Tatsuya Katsushima and Oleg Kiselyov — <i>Tohoku University, Japan</i>	123
---	-----

Author Index	125
-------------------------------	-----