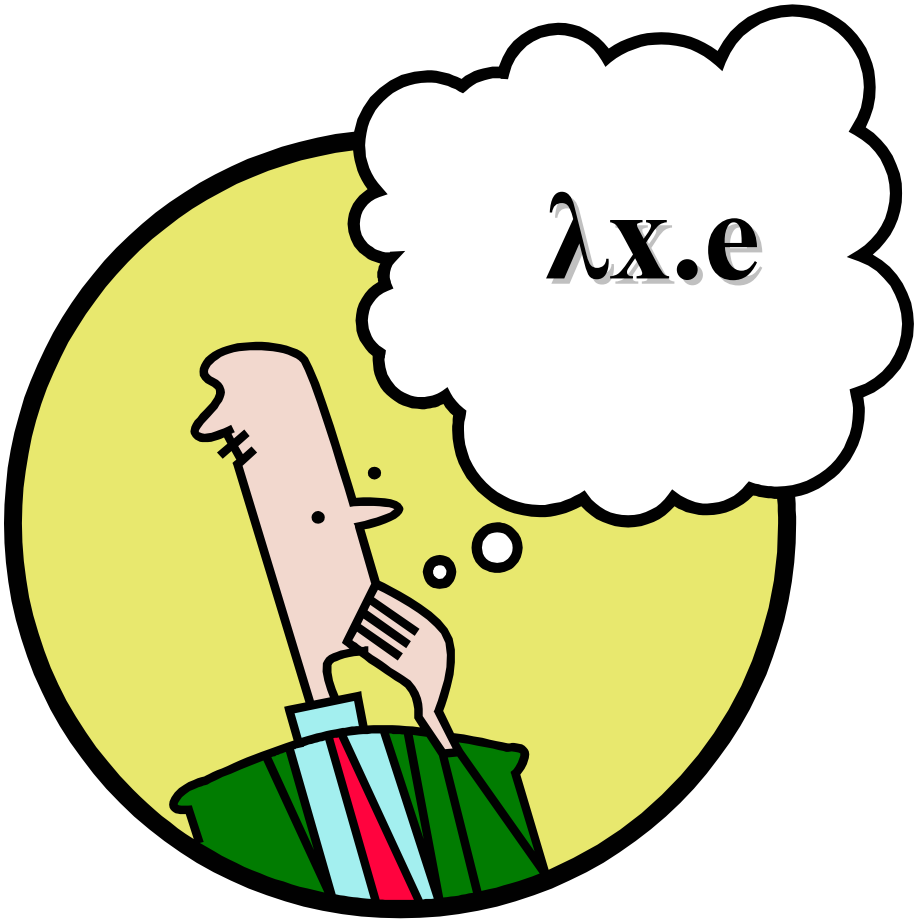
MASPLAS 2004



Proceedings of the Tenth Mid-Atlantic Student Workshop on Programming Languages and Systems

Marco T. Morazán (editor)
Seton Hall University

April 2004

Preface

The Mid-Atlantic Student workshops on Programming Languages and Systems are now a decade old tradition. The goals of the workshops are to provide students with a small and friendly forum in which to present their work, to provide students with criticism of their work from professionals outside their home institutions, to allow students to benefit, at a low cost to them, from the interactions that occur at a research conference, and to promote contact between students, faculty, and industry in the mid-Atlantic region. The workshop is aimed to attract any research being done by students on any topic related to programming languages and systems.

The tenth edition, MASPLAS 2004, was held at Seton Hall University in South Orange, NJ, USA on April 3, 2004. Microsoft Research, ACM SIGPLAN, and IBM Research sponsored the workshop. Thanks to their generosity there was no fee to attend MASPLAS 2004. The workshop attracted 52 participants belonging from 14 different universities, 2 different companies, and 3 different countries. There were 12 articles and 4 posters accepted for presentation which covered a diverse area of programming languages and systems. Dr. Chris Okasaki delivered the keynote address entitled "Change is Bad: The Joy of Immutability." Dr. Okasaki donated his speaker fee to defray the costs of the workshop's dinner. Thanks, in part, to his generosity all participants were invited to the dinner at no cost to themselves.

This volume is the on-site proceedings of the tenth edition of MASPLAS. It includes the 12 articles that were accepted for presentation at the workshop. All the articles are also available from the MASPLAS 2004 electronic proceedings located at:

http://sciris.shu.edu/masplas2004/proceedings.html.

My thanks go out to Microsoft Research and Mark Lewin, ACM SIGPLAN and Mike G. Burke, and IBM Research and Michael Hind for the funding they provided, to the MASPLAS steering committee and the MASPLAS 2004 local organizing committee for their assistance in making the workshop a success, to Dr. Chris Okasaki for accepting to deliver the keynote address, to Bert Wachsmuth for his assistance developing the MASPLAS 2004 website, and to Nicole Lorocco for her assistance in keeping track of all the required paperwork. Finally, I thank the authors for carefully writing their articles and presenting them at the workshop, the poster authors for the carefully displaying their work, and Seton Hall University and its Department of Mathematics and Computer Science for hosting the workshop.

Marco T. Morazán
South Orange, NJ, USA
April 2004

Conference Chair:

Marco T. Morazán	Seton Hall University

Steering Committee:

David Binkley	Loyola College in Maryland
Michael Hind	T.J. Watson Research Center
Phil Pfeiffer	East Tennessee State University
Lori Pollock	University of Delaware
Barbara G. Ryder	Rutgers University
David G. Wonnacott	Haverford College

Local Organizing Committee:

Victor Encarnacion	Seton Hall University
Patrick DeSomma	Seton Hall University
Robert Moore	Seton Hall University
Barbara Mucha	Seton Hall University
Bert Wachsmuth	Seton Hall University
John Weber	City College of New York