

Lecture Notes in Computer Science

802

Edited by G. Goos and J. Hartmanis

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Mathematical Foundations of Programming Semantics

9th International Conference
New Orleans, LA, USA, April 7-10, 1993
Proceedings

Springer-Verlag

Berlin Heidelberg New York
London Paris Tokyo
Hong Kong Barcelona
Budapest

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CR Subject Classification (1991): D.3, F.1, F.3-4

ISBN 3-540-58027-1 Springer-Verlag Berlin Heidelberg New York
ISBN 0-387-58027-1 Springer-Verlag New York Berlin Heidelberg

CIP data applied for

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Printed in Germany

Typesetting: Camera-ready by author
SPIN: 10131099 45/3140-543210 - Printed on acid-free paper

Preface

The Ninth International Conference on the Mathematical Foundations of Programming Semantics was held on the campus of Tulane University, New Orleans, Louisiana from April 7 to 10, 1993. The major goal of this conference series is to bring together computer scientists who work in programming semantics and mathematicians who work in areas which might impact programming semantics so that they may share ideas and discuss problems of mutual interest. By letting mathematicians see applications of their work to programming semantics and by letting computer scientists see their ideas and intuitions expressed in pure mathematics, the organizers have sought to improve communication among the researchers in these areas and to establish ties between related areas of research. With these goals in mind, the invited speakers for the conference were Peter Aczel (University of Manchester), Pierre-Louis Curien (LIENS, Paris), Albert Meyer (MIT), Dale Miller (University of Pennsylvania), Andrew Pitts (University of Cambridge), and Gordon Plotkin (University of Edinburgh).

In addition, there were contributed talks by twenty-eight researchers. Some of the contributed talks were presented in two special sessions. The first of these special sessions was devoted to Real-Time Concurrency and was organized by G.M. Reed and A.W. Roscoe (Oxford). The second was on Full Abstraction and was organized by Stephen Brookes (CMU). There was also an invited address by S. Tucker Taft (Intermetrics) on the Ada-9X project.

The Conference Chairpersons were Stephen Brookes and Michael Mislove. The Program Committee Chairpersons were Michael Main and Austin Melton. In addition to the Conference and Program Committee Chairpersons, the Program Committee consisted of Samson Abramsky, Bard Bloom, Matthew Hennessy, Gary Leavens, John Mitchell, Philip Mulry, Frank Oles, Ana Pasztor, Amir Pnueli, G.M. Reed, Edmund Robinson, A.W. Roscoe, Robert Tennent, Glynn Winskel, Steven Vickers, and Guo-Qiang Zhang. The editors wish to express their thanks to the other members of the Committee for their efforts in reviewing the papers submitted for presentation at the conference.

The conference was supported by funds from the Office of Naval Research; we wish to thank ONR for its continuing and generous support of the conference series.

Thanks are due to the many people who helped make the conference run so smoothly. These include John Maraist, Magnus Rothe and Han Zhang. We all owe a special thank you to Geralyn Caradona, Administrative Associate of the Mathematics Department of Tulane University, who managed to oversee virtually all of the small details of running the conference and allow the rest of us to concentrate on the meeting itself. Also we owe thanks to Kelly McLean of the Computer Science Department at Michigan Technological University for her efforts in collecting and organizing the papers for this proceedings.

March 1994

Stephen Brookes
Michael Main
Austin Melton
Michael Mislove
David Schmidt

Table of Contents

Final Universes of Processes <i>Peter Aczel</i>	1
On the Symmetry of Sequentiality <i>Pierre-Louis Curien</i>	29
Computational Adequacy via “Mixed” Inductive Definitions <i>Andrew M. Pitts</i>	72
A Structural Co-Induction Theorem <i>Jan Rutten</i>	83
Three Metric Domains of Processes for Bisimulation <i>Franck van Breugel</i>	103
Topological Models for Higher Order Control Flow <i>J.W. de Bakker and Franck van Breugel</i>	122
An Investigation into Functions as Processes <i>Davide Sangiorgi</i>	143
Time Abstracted Bisimulation: Implicit Specifications and Decidability <i>Kim G. Larsen and Wang Yi</i>	160
Timewise Refinement for Communicating Processes <i>Steve Schneider</i>	177
Axiomatising Real-Time Processes <i>Liang Chen</i>	215
A Predicative Semantics for the Refinement of Real-Time Systems <i>David Scholefield, Hussein Zedan, and He Jifeng</i>	230
Compositional Process Semantics of Petri Boxes <i>Eike Best and Hans-Günther Linde-Göers</i>	250
On the Specification of Elementary Reactive Behaviour <i>G. Michele Pinna and Axel Poigné</i>	271
A Chemical Abstract Machine for Graph Reduction <i>Alan Jeffrey</i>	293

Lifting Theorems for Kleisli Categories <i>Philip S. Mulry</i>	304
Sequential Functions on Indexed Domains and Full Abstraction for a Sub-Language of PCF <i>Stephen Brookes and Shai Geva</i>	320
Another Approach to Sequentiality: Kleene's Unimonotone Functions <i>Antonio Bucciarelli</i>	333
Mechanizing Logical Relations <i>Allen Stoughton</i>	359
Some Quasi-Varieties of Iteration Theories <i>Stephen L. Bloom and Zoltán Ésik</i>	378
Probabilistic Power Domains, Information Systems, and Locales <i>Reinhold Heckmann</i>	410
Linear Domains and Linear Maps <i>Michael Huth</i>	438
Universal Quasi-Prime Algebraic Domains <i>Guo-Qiang Zhang</i>	454
Holomorphic Models of Exponential Types in Linear Logic <i>R.F. Blute, Prakash Panangaden, and R.A.G. Seely</i>	474
A Syntax for Linear Logic <i>Philip Wadler</i>	513
A Complete Axiomatisation for Trace Congruence of Finite State Behaviors <i>Alexander Rabinovich</i>	530
The Asymmetric Topology of Computer Science <i>Ralph D. Kopperman and R.C. Flagg</i>	544
Ultimately Periodic Words of Rational w -Languages <i>Hugues Calbrix, Maurice Nivat, and Andreas Podelski</i>	554
Category of Δ -Functors <i>Adrian Fiech</i>	567
A Categorical Interpretation of Landin's Correspondence Principle <i>Anindya Banerjee and David A. Schmidt</i>	587

An Operational Semantics for TOOPLE: A Statically-Typed Object-Oriented Programming Language	603
<i>Kim B. Bruce, Jonathan Crabtree, and Gerald Kanapathy</i>	
On the Transformation Between Direct and Continuation Semantics	627
<i>Olivier Danvy and John Hatcliff</i>	