

Foreword

This volume constitutes the proceedings of the Fourth International Symposium on Theoretical Aspects of Computer Software (TACS 2001) held at Tohoku University, Sendai, Japan in October 2001.

The TACS symposium focuses on the theoretical foundations of programming and their applications. As this volume shows, TACS is an international symposium, with participants from many different institutions and countries.

TACS 2001 was the fourth symposium in the TACS series, following TACS'91, TACS'94, and TACS'97, whose proceedings were published as Volumes 526, 789, and 1281, respectively, of Springer-Verlag's Lecture Notes in Computer Science series.

The TACS 2001 technical program consisted of invited talks and contributed talks. In conjunction with this program there was a special open lecture by Benjamin Pierce; this lecture was open to non-registrants.

TACS 2001 benefited from the efforts of many people; in particular, members of the Program Committee and the Organizing Committee. Our special thanks go to the Program Committee Co-chairs:

Naoki Kobayashi (Tokyo Institute of Technology)
Benjamin Pierce (University of Pennsylvania).

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Information Processing Society of Japan
Japan Society of Software Science and Technology
Association for Computing Machinery - SIGACT
Association for Symbolic Logic

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July 2001

Takayasu Ito
Symposium Chair

Preface

The program of TACS 2001 included the presentations of 21 contributed papers and 6 invited talks. The program committee, with help from additional referees, selected these papers from 59 submissions. The invited speakers – Luca Cardelli, Kazunori Ueda, Andrew M. Pitts, Christine Paulin-Mohring, Jon G. Riecke, and Daniel Jackson – were chosen by the program co-chairs in collaboration with the symposium chair.

We would like to thank the members of the program committee and the additional referees, who are listed below. Special thanks to Prof. Takayasu Ito and his staff for their advice and help.

July 2001

Naoki Kobayashi
Benjamin C. Pierce
Program Co-chairs

Program Committee

Zena Ariola	University of Oregon
Cédric Fournet	Microsoft Research
Jacques Garrigue	Kyoto University
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Additional Referees

Luca Aceto	Thomas Hildebrandt	Takafumi Sakurai
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Michele Boreale	Michal Konecny	Peter Selinger
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Robert Harper	Harald Rueß	

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