Preface

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This special issue contains selected papers from the Eighth Asian Symposium on Programming Languages and Systems (APLAS 2010), held from 28 November – 1 December 2010, in Shanghai, China. The symposium was sponsored by the Asian Association for Foundation of Software (AAFS) and Shanghai Jiao Tong University.

APLAS is a premiere forum for programming languages based in Asia that has been serving, and served by, the worldwide research community. APLAS 2010 received 75 full paper submissions from 21 countries, from which the Program Committee selected 23 regular research papers (33%) and 2 system and tool presentations (40%). The conference also had four distinguished invited talks by Gerwin Klein, Dale Miller, Mingsheng Ying and Zhou Chaochen. The proceedings were published by Springer Verlag as volume 6461 of Lecture Notes in Computer Science.

Following the success of the symposium in terms of both paper quality and participation, Yuxi Fu as General Chair and Kazunori Ueda as Program Chair planned an MSCS special issue. They coordinated discussion on the selection of papers among the APLAS Program Committee. They agreed upon ten papers that had the highest scores in the review process of APLAS, all of which were well in the scope of MSCS. They then invited the authors to submit expanded, revised versions of their papers that contain significantly new materials such as refined exposition, new results and complete proofs.

The authors of eight papers submitted to the special issue. The papers went through further round(s) of the review and revision process, following strictly the guidelines of MSCS. The final versions of the eight accepted papers appear in this special issue.

As the editors of the special issue, we would like to thank all the authors and the reviewers of the special issue for their work that brought conference papers to high-quality journal papers for MSCS. We would also like to thank the editor-in-chief, Prof. Longo, for his encouragement and advice during the preparation of the special issue. Last but not the least, we thank David Tranah and Mary Mochrie of CUP for their help.