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Proceedings

Volume Editor

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Preface

This volume contains the papers presented at APLAS 2010, the eighth Asian Symposium on Programming Languages and Systems, held from November 28 to December 1, 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 the discussion of programming languages, based in Asia and serving the worldwide research community. The past APLAS symposia were successfully held in Seoul (2009), Bangalore (2008), Singapore (2007), Sydney (2006), Tsukuba (2005), Taipei (2004), and Beijing (2003), after three well-attended workshops held in Shanghai (2002), Daejeon (2001), and Singapore (2000). Proceedings of the past symposia were published in Springer's LNCS volumes 2895, 3302, 3780, 4279, 4807, 5356, and 5904.

APLAS 2010 solicited submissions in two categories, *regular research papers* and *system and tool presentations*. Ninety-five abstracts were submitted, of which 75 (70 regular research papers and 5 system and tool presentations from 21 countries) were followed by their full versions. Each submission was reviewed by at least three Program Committee members with the help of external reviewers. The Program Committee meeting was conducted electronically over a period of two weeks in July/August 2010. The Program Committee decided to accept 23 regular research papers (33%) and 2 system and tool presentations (40%). Seven of them were accepted conditionally, with specific requirements of necessary improvements; then the revised papers and the accompanying replies to the reviewers' comments were checked (and further shepherded for some papers) by the Program Committee before they were finally accepted. I would like to thank all the Program Committee members for their hard work dedicated to reviews and discussions, and all the external reviewers for their invaluable contributions.

The volume also contains the full papers and extended abstracts of four distinguished invited speakers: Gerwin Klein (National ICT Australia), Dale Miller (INRIA Saclay – Ile-de-France), Mingsheng Ying (Tsinghua University and University of Technology Sydney), and Chaochen Zhou (Chinese Academy of Sciences). It also contains a paper for a tutorial delivered by Aquinas Hobor (National University of Singapore) and Robert Dockins (Princeton University). I would like to thank all of these speakers for accepting our invitation and contributing papers.

I am grateful to Yuxi Fu, General Chair, for the invaluable support and guidance that made our symposium in Shanghai possible and enjoyable. I am also indebted to Xiaoju Dong, Local Arrangement Chair, for her effort in organizing and publicizing the meeting. I would like to thank Guoqiang Li for serving as the

Poster Chair. EasyChair made the handling of submissions and the production of the proceedings extremely smooth and efficient. Last but not least, I would like to thank the members of the AAFS Executive Committee and Zhenjiang Hu, the Program Chair of the last APLAS, for their advice.

December 2010

Kazunori Ueda

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