

Call For Papers
**The Fourth ASIAN Symposium on
Programming Languages and Systems (APLAS 2006)**
Sydney, Australia, November 8-10, 2006
<http://www.kb.ecei.tohoku.ac.jp/aplas2006/>

APLAS aims at stimulating programming language research by providing a forum for the presentation of recent results and the exchange of ideas and experience in topics concerned with programming languages and systems. APLAS is based in Asia, but is an international forum that serves the worldwide programming languages community. The APLAS series is sponsored by the Asian Association for Foundation of Software (AAFS), which has recently been founded by Asian researchers in cooperation with many researchers from Europe and the USA. The past formal APLAS symposiums were successfully held in Tsukuba (2005, Japan), Taipei (2004, Taiwan) and Beijing (2003, China) after three informal workshops held in Shanghai (2002, China), Daejeon (2001, Korea) and Singapore (2000). Proceedings of the past symposiums were published in Springer-Verlag's LNCS 2895, 3302, and 3780.

TOPICS The symposium is devoted to both foundational and practical issues in programming languages and systems. Papers are solicited on, but not limited, to the following topics:

- semantics, logics, foundational theory
- program analysis, optimization, transformation
- compiler systems, interpreters, abstract machines
- programming tools and environments
- type systems, language design
- software security, safety, verification
- domain-specific languages and systems

Original results that bear on these and related topics are solicited. Papers investigating novel uses and applications of language systems are especially encouraged. Authors concerned about the appropriateness of a topic are welcome to consult with the program chair (koba@ecei.tohoku.ac.jp) prior to submission.

GENERAL CO-CHAIRS

Manuel Chakravarty and Gabriele Keller (University of New South Wales, Australia)

PROGRAM CHAIR Naoki Kobayashi (Tohoku University, Japan)

PROGRAM COMMITTEE Kung Chen (National Chengchi University, Taiwan), Wei-Ngan Chin (National University of Singapore, Singapore), Patrick Cousot (ENS, France), Masahito Hasegawa (Kyoto University, Japan), Jifeng He (United Nations University, Macau), Haruo Hosoya (University of Tokyo, Japan), Bo Huang (Intel China Software Center, China), Naoki Kobayashi (chair) (Tohoku University, Japan), Oege de Moor (Oxford University, UK), George Necula (University of California at Berkeley, USA), Martin Odersky (EPFL, Switzerland), Tamiya Onodera (IBM Research, Tokyo Research Laboratory, Japan), Yunheung Paek (Seoul National University, Korea), Sriram Rajamani (Microsoft Research, India), Andrei Sabelfeld (Chalmers University of Technology, Sweden), Zhong Shao (Yale University, USA), Harald Søndergaard (University of Melbourne, Australia), Nobuko Yoshida (Imperial College London, UK)

INVITED SPEAKERS

Jens Palsberg (UCLA, USA)

Peter Stuckey (University of Melbourne, Australia)

SUBMISSIONS INFORMATION Papers should be submitted electronically online via the conference submission webpage. Acceptable formats are PostScript or PDF, viewable by Ghostview or Acrobat Reader. Submissions should not exceed 16 pages in LNCS format, including bibliography and figures. Submitted papers will be judged on the basis of significance, relevance, correctness, originality, and clarity. They should clearly identify what has been accomplished and why it is significant. Submitted papers must be unpublished and not submitted for publication elsewhere. The proceedings of the symposium will be published as a volume in Springer-Verlag's Lecture Notes in Computer Science series. Authors of accepted papers should provide all the electronic files of the final version of the papers according to the instruction provided at the LNCS home page (www.springer.com/lncs).

IMPORTANT DATES

Abstract Submission: June 2, 2006

Author notification: August 5, 2006

Paper Submission: June 6, 2006

Camera Ready: August 25, 2006