

1st ACM Asia-Pacific Workshop on Systems (APSys 2010)

Co-sponsored by ACM SIGOPS and SIGCOMM
Held in conjunction with SIGCOMM 2010
New Delhi, India (August 30, 2010)

<http://conferences.sigcomm.org/sigcomm/2010/workshops/APSys>

Call for Papers

Over the past decade, we have seen an increasing impact of computer systems on how we live, communicate, and do business. APSys 2010, the ACM Asia-Pacific Workshop on Systems, will bring together innovative practitioners and researchers to present their work on all aspects of systems practice. APSys takes a broad view of systems and solicits papers from various fields of systems, including but not limited to:

- Operating systems
- Manycore/multicore computing and programming
- File and storage systems, flash based storage systems
- Distributed systems and networks
- Systems for the emerging world
- Mobile, embedded, and personal devices
- Cloud computing, data center issues, software as a service

We solicit position or experience papers of **five or fewer pages** that propose new directions of research, report on noteworthy actual experience, or will generate lively discussion around important system topics. We are interested in all aspects of the system design including reliability, scalability, fault-tolerance, security, measurements and management. In view of the complexity of many of the systems, we also encourage work that brings formal methods into the system design as well as advanced debugging and diagnostics tools.

Authors are encouraged to extend their position papers to publish them at other top systems conferences. Authors are also allowed to present experience papers on work that has been already published elsewhere but with new perspectives and additional results.

Papers will be selected based on their originality, technical merit, topical relevance, and likelihood of

leading to insightful technical discussions that will influence future systems research. Accepted papers will be published in the ACM Digital Library and top papers may be considered for a special issue of Operating Systems Review.

Steering Committee

- Gernot Heiser (NICTA, Australia)
- Doug Terry (Microsoft Research, USA)
- Zheng Zhang (Microsoft Research, China)
- Frans Kaashoek (MIT, USA)
- Peter Druschel (MPI, Germany)
- Mahadev Satyanarayanan (CMU, USA)

General chair

- Chandu Thekkath (Microsoft Research, USA)

Program chairs

- Lidong Zhou (Microsoft Research, China)
- Ramakrishna Kotla (Microsoft Research, USA)

Program committee

- Yuanyuan Zhou (UCSD, USA)
- John Wilkes (Google, USA)
- Harrick Vin (TRDDC, India)
- Bhasker Raman (IIT Mumbai, India)
- KyoungSoo Park (KAIST, South Korea)
- Ben Leong (NUS, Singapore)
- Jinyang Li (NYU, USA)
- Tei-Wei Kuo (NTU, Taiwan)
- Kevin Elphinstone (NICTA, Australia)

Important dates and guidelines

- Submissions deadline: Feb 26th, 2010
- Notification to authors: April 16th, 2010
- Camera ready due: May 21st, 2010

Submitted papers must be no longer than five (5) 8.5"x11" pages, using a 10 point font on 12 point (single spaced) leading, with a maximum text block of 6.5 inches wide by 9 inches deep. Authors should include their names, affiliation, and non-anonymized references in the paper.