

The Sixth International Workshop on Advanced Parallel Processing Technologies (APPT-2005)

(<http://www.comp.polyu.edu.hk/APPT05>)

Oct. 27-28, 2005
Hong Kong, China

APPT is a biennial workshop on parallel and distributed processing. Its scope covers all aspects of parallel and distributed computing technologies, including architectures, software systems and tools, algorithms, and applications.

APPT was originated from collaborations by researchers from China and Germany and has evolved to be an international workshop. The past five workshops were held in Beijing, Koblenz, Changsha, Illmenau, and Xiamen, respectively. APPT'05 will be the sixth in the series. Following the success of the last five workshops, APPT'05 provides a forum for scientists and engineers in academia and industry to exchange and discuss their experiences, new ideas, and results about research in the areas related to parallel and distributed processing.

Papers are solicited. Topics of interest include, but are not limited to:

- Parallel / Distributed System Architectures
- Advanced Microprocessor Architecture,
- Middleware, Software Tools and Environments
- Parallelizing Compilers,
- Software Engineering issues
- Interconnection Networks
- Network Protocols,
- Task Scheduling and Load Balancing,
- Grid Computing, Cluster Computing, Peer-to-Peer Computing
- Internet & Web computing
- Pervasive and Mobile Computing
- Security in networks and distributed systems
- Fault tolerance and dependability
- Image Generation and Processing: Rendering Techniques, Virtual Reality, Visualization, Graphic Processing, etc.

SUBMISSION OF PAPERS:

Prospective authors are invited to submit a full paper in English (should not exceed 10 pages (12 pt) in length) presenting original and unpublished research results and experience. Papers will be selected based on their originality, timeliness,

significance, relevance, and clarity of presentation. Papers must be submitted in PDF (preferably) or Postscript that is interpretable by Ghostscript. Submissions will be carried out electronically on the Web via a link found at the conference web page <http://www.comp.polyu.edu.hk/APPT05/>.

Submissions imply the willingness of at least one author to register, attend the conference, and present the paper. There will be two best student paper awards to recognise distinguished student research.

Accepted papers will be published in the proceedings, which will be available at the workshop.

IMPORTANT DATES:

- April 1, 2004: Papers due
- June 1, 2004: Acceptance notification
- July 1, 2004: Camera-ready papers due (12 pages at most)
and deadline for early registration
- Oct. 27-28, 2005: APPT'05 Workshop

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