APSEC 2012
The 19th Asia-Pacific Software Engineering Conference
December 4–7, 2012
Hong Kong

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Call for Papers

Theme: Software Engineering for the Evolving World

Software has been increasingly utilized to improve the quality of lives and, subsequently, to change the world in a myriad of unforeseeable ways. Software systems have evolved to meet the changing needs of society, while society has in turn evolved in response to the use of innovative and omnipresent software systems. The emergence of contemporary software for the evolving world has posed unprecedented challenges to software engineering professionals and their community. The 19th Asia-Pacific Software Engineering Conference (APSEC 2012) provides an excellent opportunity for software engineering researchers and practitioners around the world to exchange ideas on how to address these challenges.

Background

APSEC is a series of leading international conferences on software engineering and technology held annually in the Asia-Pacific region. The steering committee of APSEC comprises prominent software researchers from Korea, Australia, Japan, Hong Kong, Taiwan, Singapore, Thailand, India, China and Malaysia. In recent years, APSEC was held in Malaysia (2009), Australia (2010) and Vietnam (2011).

APSEC 2012 will be held in Hong Kong on 4–7 December 2012 at Sheraton Hong Kong Hotel and Towers. In addition to the Regular Research Paper Track, the conference will also include an Emerging Research Track, an Industry Track, Workshops, Tutorials and a Postgraduate Symposium. The proceedings will be published by IEEE Computer Society Press.

Keynote Speakers
- Professor Jeff Kramer, Imperial College London
- Professor David S. Rosenblum, National University of Singapore
- Professor Barbara G. Ryder, Virginia Tech

Topics of interest

Topics of interest include, but are not limited to:
- Software requirements engineering
- Software architecture and design
- Software engineering methodologies
- Software analysis and understanding
- Software testing, verification and validation
- Software maintenance and evolution
- Software project management
- Software quality and measurement
- Software process and standards
- Software security, reliability and privacy
- Software engineering environments and tools
- Software engineering education
- Cloud and grid based software systems
- Context-aware and intelligent systems
- Distributed and parallel software systems
- Embedded and real-time software systems
- Mobile and ubiquitous software systems
- Component based software engineering
- Product-line software engineering
- Web-based software engineering
- Empirical software engineering
- Formal methods in software engineering
- Emerging software engineering methods
- Other software engineering applications

Submission due date for Regular Research papers: 28 May 2012
Submit regular papers to: https://www.easychair.org/conferences/?conf=apsec2012

Submission due dates for Workshop/Tutorial Proposals and other Tracks
Workshop proposals: 1 June 2012 (email to: Jacky.Keung@comp.polyu.edu.hk)
Tutorial proposals: 27 July 2012 (email to: hunkim@cse.ust.hk)
Industry Track papers: 16 July 2012 (submit to the above EasyChair site)
Postgraduate Symposium papers: 16 July 2012 (submit to the above EasyChair site)
Emerging Research Track papers: 16 July 2012 (submit to the following site)
http://www.easychair.org/conferences/?conf=apsec2012emerging
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