

4th IEEE Symposium on

Theoretical Aspects of Software Engineering

August 25 - 27, 2010, Taipei, Taiwan, ROC



Call-for-Papers



IEEE TASE 2010 aims to become a forum for the presentation and discussion of new fundamental ideas in software engineering of large-scale systems. Software engineering of such systems has usually been viewed as the study of principles, guidelines, and empirical rules. To manage the complexity of large-scale software projects, various theories have been proposed. The first three TASE conferences were held in Shanghai, China in June 2007; in Nanjing, China in June 2008; and in Tianjin, China in July 2009. This year, it will be moved to the beautiful campus of National Taiwan University.

Scope of interests includes, but are not limited to, the following: automata, logics, set theory, type theory, process algebrae, probability, game theory, theorem-proving, model-checking, simulation-checking, testing, and simulation. Innovative applications of such theories to the following and other related aspects of software engineering are also highly solicited to IEEE TASE 2010: requirements engineering, specification, model-driven engineering, software architectures and synthesis, aspect and object orientation, embedded and real-time systems, software processes and workflows, component-based software engineering, software safety, security and reliability, reverse engineering and software maintenance, service-oriented computing, semantic web and web services, dependable concurrency, program analysis, software modeling, software simulation, software testing, and software model checking.

Submissions should be in IEEE format and no more than 10 pages for regular papers and 4 pages for poster papers. Proceedings will be published by IEEE.

Important dates:

- Regular Papers:** *April 2, 2010:* Title and abstract submission deadline
April 9, 2010: Paper submission deadline ([23:59, Apia Time, GMT-11](#))
May 17, 2010: Acceptance/rejection notification
May 31, 2010: Camera-ready version and signed IEEE copyright form due
- Poster Papers:** *April 2, 2010:* Poster proposal (extended abstract) submission deadline
May 17, 2010: Acceptance/rejection notification
May 31, 2010: Camera-ready version and signed IEEE copyright form due
August 20, 2010: A1-Size Poster (for backup) Due

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