



CALL FOR PAPERS

The 25th IEEE/ACM International Conference on AUTOMATED SOFTWARE ENGINEERING (ASE 2010) September 20-24, 2010, Antwerp, Belgium

<http://soft.vub.ac.be/ase2010>

Software engineering is concerned with the analysis, design, implementation, testing, and maintenance of large software systems. Automated software engineering focuses on how to automate or partially automate these tasks to achieve significant improvements in quality and productivity. ASE 2010 encourages contributions describing basic research, novel applications, and experience reports. In all cases, papers should carefully articulate the relevance of their contributions to the automation of software engineering tasks. Solicited topics include, but are not limited to:

Automated reasoning techniques	Open systems development
Component-based systems	Product line architectures
Computer-supported cooperative work	Program understanding
Configuration management	Program synthesis
Domain modelling and meta-modelling	Program transformation
Empirical software engineering	Re-engineering
Human-computer interaction	Requirements engineering
Knowledge acquisition and management	Specification languages
Maintenance and evolution	Software architecture and design
Model-based software development	Software visualization
Model-driven engineering and model transformation	Testing, verification, and validation
Modelling language semantics	Tutoring, help, and documentation systems

ACM (Association for Computing Machinery) will publish accepted papers in the conference proceedings. In addition, authors of selected papers will be invited to revise and re-submit extended versions of their conference papers for consideration for a special issue of the Journal of Automated Software Engineering, published by Springer. ASE 2010 accepts two categories of Conference Paper submissions:

Technical Papers should describe innovative research in automating software development activities or providing automated support to users engaged in such activities. They should describe a novel contribution to the field and should carefully support claims of novelty with citations to the relevant literature. Where a submission builds upon previous work of the author(s), the novelty of the new contribution must be clearly described with respect to the previous work. Papers should also clearly discuss how the results were validated.

Experience Papers should describe a significant experience in applying automated software engineering technology and should carefully identify and discuss important lessons learned so that other researchers and/or practitioners can benefit from the experience. We are especially interested in experience papers that report on industrial applications of automated software engineering.

Submissions under both categories should not exceed 10 pages in the two-column conference format (see note below) and must be submitted electronically at the URL that will be published on the ASE 2010 website. For guidelines and formatting files see: <http://www.acm.org/signs/publications/proceedings-templates>. Papers submitted to ASE 2010 must not have been previously published and must not be under review for publication elsewhere. Papers must strictly adhere to submission guidelines. Authors are strongly encouraged to explain (in the appropriate place in the submitted paper) the relationship between the submission and any other related work from them, including those under review elsewhere. Papers will be administratively rejected and will not be reviewed if they exceed the 10-page limit or use condensed formatting. All papers that conform to the submission guidelines will be peer-reviewed by the program committee members. At the discretion of the PC, papers might be accepted either as full papers or as short papers. In this last case the camera-ready should be no longer than 4 pages. All accepted short papers will be presented in a poster session.

IMPORTANT DATES

Abstract submission:	March 8th, 2010
Paper submission:	March 15th, 2010
Notification of acceptance:	June 7th, 2010
Camera Ready:	July 8th, 2010

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