

Call for Papers – WASDeTT-3

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Co-located with



ASE 2010

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The 3rd International Workshop on Academic Software Development Tools

WASDeTT-3

September 20, 2010; Antwerp, Belgium

Co-located with the 25th IEEE/ACM International Conference on Automated Software Engineering (ASE)

Important Dates

Paper Submissions:

July 19, 2010

Author Notification:

August 20, 2010

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The WASDeTT workshop series is motivated by the observation that tools and tool building play an important role in applied academic software engineering research. The tangible results of research projects are often embodied in a tool. Even though tool building is a popular technique to validate research (e.g., proof-of-concept prototyping followed by user studies), it is neither simple nor cheap to accomplish. Given the importance of tool building and the significant cost associated with it, our workshop allows interested researchers to **share their tool building experiences** and to explore how tools can be build more effectively and efficiently.

The purpose of this workshop is not to focus on any specific kind of these tools but rather to gather researchers working on different tools, with the goal of providing a forum where tool builders can talk about common issues relevant to all tool builders, and builders of academic research prototypes in particular, such as

- Should tool building remain a craft?
- Should academic tools be of commercial quality?
- How to integrate and combine independently developed tools?
- What are the positive lessons learned and pitfalls in building tools?
- What are effective techniques to improve the quality of academic tools?
- What is needed to build an active community of developers and users?
- Are there any useful tool building patterns for software engineering tools?
- How to compare or benchmark such tools?
- What particular languages and paradigms are suited to build tools?

Contributions

The workshop solicits the submission of two kinds of papers:

- **Tool-related papers** present an (academic) tool and discuss how the tool was built. The paper should address issues such as the tool's architecture, important design decisions and their impact on functional requirements and quality attributes, and lesson's learned that are of interest to other tool builders.
- **Position papers** state a novel position or vision on issues related to tool building. Importantly, such a paper should serve as a foundation for interesting discussions at the workshop. In spite of our focus on experimental research tools, we explicitly solicit position papers from software industrials as well.

EST Special Issue

This workshop is associated with an Experimental Software and Toolkits (EST) special issue to be published in *Elsevier's Science of Computer Programming*. All tool-related workshop papers (not the position papers) are potential candidates for the special issue. The authors of a subset of these articles will be invited to submit to EST based on the quality of their paper and their tool demonstration during the workshop.



For the special issue, a thoroughly revised version of the accepted WASDeTT paper has to be submitted along with the actual tool. The tool itself will be evaluated based upon the following criteria: ease of installation, quality of (user) documentation, ease of usage, applicability to the intended domain, and quality of source code (optional).