
CALL FOR PAPERS

Workshop on Tool Building in Formal Methods

Held in conjunction with the 2nd International ABZ Conference

Orford, Quebec, Canada, Monday 22 February 2010

<http://pages.usherbrooke.ca/abzconference/workshops.php>

Scope of the Workshop:

The object of this workshop is to share ideas, methods, and processes that are used to build tools supporting formal methods. Discussions may also deal with maintenance, documentation, licensing, etc. A significant challenge is how to better make these tools cooperate and share components (provers, model checkers, syntax analysers, type checkers, transformation rules, etc.).

The topics of interest for this workshop include, but are not limited to:

- Experience on the development of tools supporting formal methods:
 - o specification and design,
 - o choice of implementation languages and operating systems,
 - o reuse of existing components and platforms,
 - o documentation.
- Scalability of tools: research prototypes vs industrial strength tools
- Open source issues:
 - o open-platform for developing and sharing tool components (management of distributed teams, consistency),
 - o dealing with intellectual property: dissemination of research results vs intellectual property policies.
- Development in an academic environment:
 - o limited resources,
 - o rapid resource turnover,
 - o maintenance and support.
- Commercialization, licensing
- Tool certification

Important Dates:

Paper submission deadline: 15 November 2009

Notification of acceptance/rejection: 7 December 2009

Workshop in Orford, Quebec, Canada: 22 February 2010

Submission and Attendance:

We anticipate a rich exchange of ideas and discussions during this event. Submissions are welcomed on any subject that falls within the main issues. Papers should be around 3 pages in LNCS style.

All papers must be submitted in PDF format, following the instructions at the WS-TBFM'10 submission site, handled by EasyChair:

<https://www.easychair.org/login.cgi?conf=wstbfm2010>

All accepted papers should be presented during the 1-day workshop.

Authors of the best accepted papers will be invited to submit extended versions of their papers for publication in a special issue of the international journal *Software: Practice and Experience*.

Workshop chairs:

- Frederic Gervais, Université Paris-Est, France
- Benoit Fraikin, Université de Sherbrooke (Québec), Canada

Program Committee:

- Yamine Ait Ameer, LISI/ENSMA, France
- Michael Butler, University of Southampton, United Kingdom
- Daniel Dollé, Siemens Transportation Systems, France
- Roozbeh Farahbod, Faculty of Business, University of Victoria, Canada
- Hubert Garavel, INRIA/VASY, France
- Akram Idani, LIG, France
- Joost-Pieter Katoen, RWTH Aachen University, Germany
- Kim Larsen, Computer Science, Aalborg U, Denmark
- Thierry Lecomte, ClearSy, France
- Michael Leuschel, University of Düsseldorf, Germany
- Petra Malik, Victoria University of Wellington, New Zealand
- Amel Mammam, Telecom SudParis, France
- Marcel Oliveira, DIMAp, Univ. Rio Grande do Norte, Brazil
- Fabien Peureux, LIFC, Université de Franche-Comté, France
- Arylido G Russo Jr., Grupo AeS, Brazil