



14th International Symposium on Formal Methods

21 - 27 August 2006

McMaster University, Hamilton, Ontario, Canada

<http://fm06.mcmaster.ca>

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FM'06 is the fourteenth in a series of symposia organized by Formal Methods Europe, <http://www.fmeurope.org>, an independent association whose aim is to stimulate the use of, and research on, formal methods for software development. The symposia have been notably successful in bringing together innovators and practitioners in precise mathematical methods for software development, industrial users as well as researchers. Submissions are welcomed in the form of original papers on research and industrial experience, proposals for workshops and tutorials, entries for the exhibition of software tools and projects, and reports on ongoing doctoral work.

FM'06 welcomes all aspects of formal methods research, both theoretical and practical. We are particularly interested in the experience of applying formal methods in practice. The broad topics of interest of this conference are:

- * Tools for formal methods: tool support and software engineering, environments for formal methods.
- * Theoretical foundations: specification and modelling, refinement, static analysis, model-checking, verification, calculation, reusable domain theories.
- * Formal methods in practice: experience with introducing formal methods in industry, case studies.
- * Role of formal methods: formal methods in hardware and system design, method integration, development process.

Technical Symposium: Full papers should be submitted via the web site. Papers will be evaluated by the Program Committee according to their originality, significance, soundness, quality of presentation and relevance with respect to the main issues of the symposium. Accepted papers will be published in the Symposium Proceedings, to appear in Springer's Lecture Notes in Computer Science series, <http://www.springeronline.com/lncs>. Submitted papers should have not been submitted elsewhere for publication, should be in Springer's format, (see Springer's web site), and should not exceed 16 pages including appendices. A prize for the best technical paper will be awarded at the symposium.

Industry Day: One day will be dedicated to sharing the experience—both positive and negative—with using formal methods in industrial environments. The Industry Day is organized by ForTIA, the Formal Techniques Industry Association, <http://www.fortia.org>. This year's Industry Day investigates the use of formal methods in security and trust. Invited papers on organizational and technical issues will be presented. Inquiries should be directed to the Industry Day Chairs; see the web site for details.

Workshops: We welcome proposals for one-day or one-and-a-half-day workshops related to FM'06. In particular, but not exclusively, we encourage proposals for workshops on various application domains. Proposals should be directed to the Workshop Chair.

Tutorials: We are soliciting proposals for full-day or half-day tutorials. The tutorial contents can be selected from a wide range of topics that reflect the conference themes and provide clear utility to practitioners. Each proposal will be evaluated on importance, relevance, timeliness, audience appeal and past experience and qualification of the instructors. Proposals should be directed to the Tutorial Chair.

Poster and Tool Exhibition: An exhibition of both research projects and commercial tools will accompany the technical symposium, with the opportunity of holding scheduled presentations of commercial tools. Proposals should be directed to the Poster and Tools Exhibition Chair.

Doctoral Symposium: For the first time, FM'06 will feature a doctoral symposium. Students are invited to submit work in progress and to defend it in front of "friendly examiners". Participation for students who are accepted will be subsidized. Submissions should be directed to the Doctoral Symposium Chair.

Submission Dates:

Technical Papers, Workshops, Tutorials
Posters and Tools, Doctoral Symposium

Friday, February 24, 2006
Friday, May 26, 2006

Notification Dates:

Technical Papers
Workshops, Tutorials
Posters and Tools, Doctoral Symposium

Friday, April 28, 2006
Friday, March 10, 2006
Friday, June 9, 2006

Sponsors:

