Call for Papers

18TH INTERNATIONAL SYMPOSIUM ON FORMAL METHODS
FM 2012

August 27 - 31, 2012
CNAM, Paris, France


General Chairs
Kamel Barkaoui, CNAM, France
Béatrice Bérard, UPMC, France

PC Chairs
Dimitra Giannakopoulou, NASA Ames, USA
Dominique Méry, Université de Lorraine, France

Special Events
Tutorials (basics): August 27th
Doctoral Symposium & Tutorials (advanced): August 28th
Industry Day: August 29th, with joint invited talk
Welcome reception: August 29th evening
Social event: August 30th evening

Joint Event
4th Symposium on Unifying Theories of Programming

Important dates
Submission of Workshop Proposals: November 3rd, 2011
Notification for Workshop Proposals: December 5th, 2011
Submission of Technical Papers: February 6th, 2012
Notification for Technical Papers: April 9th, 2012
Camera ready Technical Papers: May 7th, 2012
Submission of Tutorial Proposals: February 27th, 2012
Notification for Tutorial Proposals: March 5th, 2012
Submission of Technical Papers: May 7th, 2012
Camera ready Technical Papers: June 4th, 2012
Submission of Doctoral Papers: April 12th, 2012
Notification for Doctoral Papers: June 1st, 2012
Camera ready versions Doctoral Papers: June 25th, 2012


Scope

FM 2012 is the eighteenth in a series of symposia organized by Formal Methods Europe, 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 and systems 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.

The FM 2012 Symposium will be based around the theme Interdisciplinary Formal Methods

It will have the goal of highlighting the development and application of formal methods in connection with a variety of disciplines such as medicine, biology, human cognitive modeling, human automation interactions and aeronautics, among others. FM 2012 particularly welcomes papers on techniques, tools and experiences in interdisciplinary frameworks, as well as on experience with practical applications of formal methods in industrial and research settings, experimental validation of tools and methods as well as construction and evolution of formal methods tools.

Paper Submission

Papers will be evaluated by at least three members of the Programme Committee. They should be in Springer LNCS format and describe, in English, original work that has not been published or submitted elsewhere. PDF versions of papers should be submitted through the FM 2012 EasyChair web site: “http://www.easychair.org/conferences/?conf=fm2012”.

We solicit two categories of papers:

- Regular papers not exceeding 15 pages (including appendices), describing fully developed work. Authors of papers reporting experimental work are strongly encouraged to make their experimental results available for use by reviewers. Similarly, case study papers should describe significant case studies and the complete development should be made available for use by reviewers.
- Tools papers of a maximum of 4 pages should describe an operational tool and its contributions; 2 additional pages of appendices are allowed that will not be included in the proceedings. Tool papers should explain enhancements made compared to previously published work. A tool paper need not present the theory behind the tool but can focus more on its features, and how it is used, with screen shots and examples. Authors of tools papers should make their tool available for use by reviewers.

Publication

Accepted papers will be published in the Symposium Proceedings, to appear in Springer’s Lectures Notes in Computer Science.