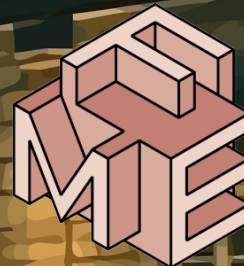


Call for Papers  
**18TH INTERNATIONAL  
SYMPOSIUM ON  
FORMAL METHODS  
FM 2012**

August 27 - 31, 2012  
CNAM, Paris, France

<http://fm2012.cnam.fr>



#### 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

4<sup>th</sup> 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:  
**March 5th, 2012**  
Notification for Technical Papers:  
**May 7th, 2012**  
Camera ready Technical Papers:  
**June 4th, 2012**  
Submission of Tutorial Proposals:  
**February 27th, 2012**  
Notification for Tutorial Proposals:  
**March 12th, 2012**  
Submission of Doctoral Papers:  
**April 12th, 2012**  
Notification for Doctoral Papers:  
**June 1st, 2012**  
Camera ready versions Doctoral Papers:  
**June 25th, 2012**

#### More information:

[fm2012@cnam.fr](mailto:fm2012@cnam.fr) or <http://fm2012.cnam.fr>

## 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.