



Call For Papers

13th International ERCIM Workshop on Formal Methods for Industrial Critical Systems (FMICS 2008)

September 15-16, 2008, L'Aquila, Italy
Colocated with ASE 2008 conference

Co-Chairs

Darren Cofer (Rockwell Collins, USA)
Alessandro Fantechi (Univ. di Firenze and ISTI-CNR, Italy)

Program Committee

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Murali Rangarajan (Honeywell, USA)
Marco Roveri (IRST, Italy)
Ina Schieferdecker (Fraunhofer FOKUS, Germany)
Wilfried Steiner (TTTech, Austria)

Invited Speakers

Rance Cleaveland (Univ. of Maryland, USA)
Werner Damm (OFFIS, Germany)
Steven Miller (Rockwell Collins, Advanced Technology Center, USA)

Sponsored by:

ERCIM
Formal Methods Europe
Rockwell Collins, Advanced Technology Center

In Cooperation with:

ISTI - CNR
University of Florence

Important Dates

Deadline for abstracts	29 May 2008
Deadline for papers	5 June 2008
Accept/Reject Notification	14 July 2008
Final Manuscript	5 August 2008
Workshop	15-16 September 2008

WWW page

<http://www.dsi.unifi.it/fmics08/>

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Scope of the workshop

The aim of the FMICS workshop series is to provide a forum for researchers who are interested in the development and application of formal methods in industry. In particular, these workshops bring together scientists and engineers that are active in the area of formal methods and interested in exchanging their experiences in the industrial usage of these methods. The FMICS workshop series also aims to promote research and development that will improve formal methods and related tools, facilitating their industrial application. Topics include, but are not restricted to:

- Design, specification, code generation and testing based on formal methods
- Verification and validation of complex, distributed, real-time systems and embedded systems
- Verification and validation methods that address shortcomings of existing methods with respect to their industrial applicability (e.g., scalability and usability issues)
- Tools for the development of formal design descriptions
- Case studies and experience reports on industrial applications of formal methods, focusing on lessons learned or identification of new research directions
- Impact of the adoption of formal methods on the development process and associated costs
- Application of formal methods in standardization and industrial forums

Paper submissions

Submissions must be made electronically through the FMICS 2008 Website at URL:

<http://senldogo0039.springer-sbm.com/fmics2008/servlet/Conference>

Papers should be up to 16 pages in LNCS format, with the names and affiliations of the authors and a clear and informative abstract. Additional details may be included in a clearly marked appendix, which will be read at the discretion of the program committee. All submissions must report on original research.

Submitted papers must not have previously appeared in a journal or conference with published proceedings and must not be concurrently submitted to any other peer-reviewed workshop, symposium, conference or archival journal. Any partial overlap with any such published or concurrently submitted paper must be clearly indicated.

Case study papers should identify lessons learned, validate theoretical results (such as scalability of methods), or provide specific motivation for further research and development.

Publication

Participant's proceedings will be available during the workshop. A post-workshop proceedings volume will be published by Springer Verlag in the Lecture Notes in Computer Science series.