



## First Call for Papers

3rd International Workshop on

# Formal Methods for Interactive Systems

2 November, 2009

Eindhoven, The Netherlands

Co-located with FM2009, <http://www.win.tue.nl/fm2009>

Reducing the likelihood of human error in the use of interactive systems is increasingly important: the use of such systems is becoming widespread in applications that demand high reliability due to safety, security, financial or similar considerations. Interactive systems are also becoming increasingly ubiquitous and being used in new and more complex situations. Consequently, the use of formal methods in verifying the correctness of interactive systems should also include analysis of human behaviour in interacting with the interface as well as with the wider socio-technical system. The aim of this workshop is to bring together researchers in computer science, cognitive psychology, and other areas of HCI, from both academia and industry, who are interested in both formal methods and interactive system design.

### Organisers:

MICHAEL HARRISON, UNIVERSITY OF NEWCASTLE, U.K.  
MIEKE MASSINK, CNR-ISTI, PISA, ITALY

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### Sponsored by:



### Topics:

Submitted papers should address issues of how formal methods can be applied to interactive system design. We also welcome papers with a focus on theory provided a link to interactive systems is argued. Application areas considered include but are not limited to: mobile devices, embedded systems, safety-critical systems, high-reliability systems, shared control systems, digital libraries, eGovernment, pervasive systems, augmented reality, ubiquitous computing, and computer security applications.

### Submissions:

In order to encourage participation and discussion, this workshop solicits two types of submissions - regular papers and short papers:

(1) Regular paper submissions must be original work, and must not have been previously published, nor be under consideration for publication elsewhere. Regular paper submission must not exceed 16 pages.

(2) Short paper submissions on recent or ongoing work on relevant topics and ideas, for timely discussion and feedback at the workshop. The (extended) abstract of presentation submissions should not exceed 4 pages.

Both accepted full papers and short papers will be published in the participants proceedings. Full papers will also be published electronically as a EC-EASST volume.

Publication of an extended version of a selection of the papers in a journal special issue is also under consideration.

Submissions to the workshop must not have been published or be concurrently considered for publication elsewhere. All submissions will be peer-reviewed and judged on the basis of originality, contribution to the field, technical and presentation quality, and relevance to the workshop.

### Important Dates:

Abstract submission: August 10, 2009

Submission deadline: August 20, 2009

Notification: September 14, 2009

Workshop: November 2, 2009

### Information:

<http://homepages.cs.ncl.ac.uk/michael.harrison/fmis>

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