

## Workshop Goals

The aim of the workshop is to bring together researchers and practitioners working on different aspects of formal methods in software engineering. The specific goal is to facilitate transfer of experience, adaptation of methods, and where possible, collaboration between different groups. The topics may cover any aspect in formal methods, especially those related to advancing the application of formal methods in software industry and promoting their integration with practical engineering techniques.

## Topics of interest

The topics of this workshop include, but are not restricted to:

- Models of programs and systems
- Software specification, validation and verification
- Software architectures and their description languages
- Object and multi-agent systems
- Coordination and feature interaction
- Integration of formal and informal methods
- Integration of different formal methods
- Component-based development
- Service-oriented development
- Model checking and theorem proving
- Software and hardware verification
- CASE tools and tool integration
- Application to industrial cases

## Proceedings

Accepted papers will be available at the workshop in a pre-proceeding published by IPM. A post-proceeding will be published in the Elsevier's ENTCS conference series. Selected papers will also be published in a special issue of a journal (to be confirmed).

## Paper Submission

All papers must be submitted in PDF or postscript format. Papers are to be sent to the following email address [fSEN05@ipm.ir](mailto:fSEN05@ipm.ir). Simultaneous or similar submissions to other conferences or journals are not allowed.

## Best Paper Award

There will be an award for the best paper presented at the workshop.

**Web Site :** <http://cs.ipm.ac.ir/FSEN05>

## Keynote Speakers

**Gul Agha** - University of Illinois at Urbana - Champaign, USA

**Joost Kok** - Leiden University, Netherlands

**Carolyn Talcott** - SRI International, USA

## Workshop Organizing Committee

### Workshop Chair

**Ali Movaghar** - IPM; Sharif University of Technology, Iran

### PC Chairs

**Farhad Arbab** - CWI; Leiden University, Netherlands; University of Waterloo, Canada

**Marjan Sirjani** - Tehran University; IPM, Iran

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**Mohammad Ardeshir** - Sharif University of Technology, Iran

**Christel Baier** - University of Bonn, Germany

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**Michael Butler** - University of Southampton, UK

**Marsha Chechik** - University of Toronto, Canada

**Dennis Dams** - Bell Labs, USA

**Nancy Day** - University of Waterloo, Canada

**Maurizio Gabbrielli** - University of Bologna, Italy

**Yuri Gurevich** - Microsoft Research, USA

**Joost Kok** - Leiden University, Netherlands

**Marta Kwiatkowska** - University of Birmingham, UK

**Mohammad Reza Meybodi** - AmirKabir University of Technology, Iran

**Seyyed Hassan Mirian** - Sharif University of Technology, Iran

**Ugo Montanari** - University of Pisa, Italy

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**George Papadopoulos** - University of Cyprus, Cyprus

**Willem-Paul de Roever** - University of Kiel, Germany

**Jan Rutten** - CWI; Vrije University Amsterdam, Netherlands

**Mohsen Sharifi** - Iran University of Science and Technology, Iran

**Sandeep Shukla** - Virginia Tech, USA

**Alan Wasssyng** - McMaster University, Canada

## Important Dates

Submissions deadline..... **June 1, 2005**

Notification of authors..... **July 15, 2005**

Camera ready copies..... **August 1, 2005**

FSEN workshop..... **October 1 - 3, 2005**

## Contact address

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