iFM 2017

Submitted by Anonymous on Wed, 10/12/2016 - 2:25pm

Sep 18, 2017 7:00 am - Sep 22, 2017 6:00 pm CEST

13th International Conference on integrated Formal Methods (iFM 2017)

Objectives and Scope

Applying formal methods may involve the usage of different formalisms and different analysis techniques to validate a system, either because individual components are most amenable to one formalism or technique, because one is interested in different properties of the system, or simply to cope with the sheer complexity of the system. The iFM conference series seeks to further research into hybrid approaches to formal modeling and analysis; i.e., the combination of (formal and semi-formal) methods for system development, regarding both modeling and analysis. The conference covers all aspects from language design through verification and analysis techniques to tools and their integration into software engineering practice.

Areas of interest include but are not limited to:

- Formal and semi-formal modelling notations
- Combining formal methods
- Integration of formal methods into software engineering practice
- Program verification, model checking, and static analysis
- Runtime analysis, monitoring, and testing
- Program synthesis
- Analysis and synthesis of hybrid, embedded, probabilistic, distributed, or concurrent systems
- Model learning
- Theorem proving, decision procedures, SAT and SMT solving

Workshops

iFM 2017 will be accompanied by a series of workshops. Further information is available from the conference website
http://ifm2017.di.unito.it/

Conference Location
iFM 2017 is organized by the University of Turin and will take place in Turin, Italy

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Event Details

**Location:** Turin, Italy
**URL:** [http://ifm2017.di.unito.it](http://ifm2017.di.unito.it)

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