FMCAD 2013

13th International Conference on Formal Methods in Computer-Aided Design
Portland, OR October 20-23, 2013
http://www.fmcad.org/fmcad13

Co-located with **MEMOCODE 2013** and **DIFTS 2013**

FMCAD 2013 is the thirteenth in a series of conferences on the theory and applications of formal methods in hardware and system verification. FMCAD provides a leading forum to researchers in academia and industry for presenting and discussing groundbreaking methods, technologies, theoretical results, and tools for reasoning formally about computing systems. FMCAD covers formal aspects of computer-aided system design including verification, specification, synthesis, and testing.

Student Forum (New in 2013):
FMCAD 2013 will host a Student Forum that provides a platform for graduate students at any career stage to introduce their research to the wider Formal Methods community, and solicit feedback. Submissions must be short reports describing research ideas or ongoing work that the student is currently pursuing, and must be within the scope of FMCAD. Limited funds will be available for travel assistance for students with accepted contributions.

FMCAD Keynotes

Pranav Ashar, Real Intent Inc.
Static Verification Based Signoff --- A Key Enabler for Managing Verification Complexity in the Modern SoC

Lori A. Clarke, University of Massachusetts, Amherst
Using Process Modeling and Analysis Techniques to Reduce Errors in Healthcare

Joint FMCAD/MEMOCODE Tutorials

Rajeev Alur, University of Pennsylvania
Computer Augmented Program Engineering

Jim Grundy, Intel Corporation
Firmware Validation: Challenges and Opportunities

Somesh Jha, Bill Harris, Tom Reps, University of Wisconsin-Madison
Secure Programs via Game-Based Synthesis

Important Dates

Abstract Submission: May 5
Paper Submission: May 15
Notification: July 17

Student Forum:
Submission: June 2
Notification: August 4

Organization Committee

Chairs
Barbara Jobstmann
Sandip Ray

Local Arrangements
Joe Leslie-Hurd

Publications
Julien Schmaltz

Publicity
Chao Yan

Student Forum
Thomas Wahl

Tutorial
Malay Ganai

Webmaster
Shilpi Goel