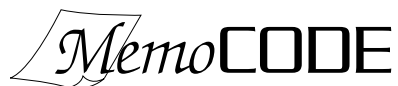Call for Papers

The Sixth ACM/IEEE International Conference on Formal Methods and Models for Co-Design

⟋*Memo*CODE

June 5–7, 2008, Anaheim, California, USA — Colocated with DAC

`http://www.memocode-conference.com/`

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The sixth MEMOCODE conference will gather researchers and practitioners who design modern hardware/software systems. Our goal is to consider new formal and systematic techniques for the design of dependable hardware/software systems. Many new languages, abstractions, refinement and analysis techniques already proved to provide a sound methodological basis for high-level modeling, design, and development of hardware and software systems including the adaptation and re-use of existing components.

We invite papers, panel proposals, and tutorial proposals on the application of formal methods to hardware and software design. Topics include

dependable design methodologies	dependable synthesis methods for hardware and software
specification-based testing	component-based design and design space exploration
hardware/software partitioning	specification and modeling of hardware/software systems
performance/power analysis	formal verification (model checking, theorem proving)

Conference proceedings will be published by the IEEE Computer Society. Best papers of previous MEMOCODE conferences have been published in special issues of international journals including ACM TECS and Springer's FMSD.

Submissions of research and experience papers will only be accepted through the conference web site. Papers must not exceed 10 pages and must be formatted following IEEE Computer Society guidelines. Submissions must be written in English, describe original work, and not substantially overlap papers that have been published or are being submitted to a journal or another conference with published proceedings.

Deadline for Paper Submissions	Feburary 1, 2008
Deadline for Panels and Tutorials	April 11, 2008
Notification of Acceptance	March 31, 2008
Final Version Due	April 11, 2008

MEMOCODE will also run a design contest. The conference website has details.

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