



# Fifth International Conference on Verification, Model Checking, and Abstract Interpretation **VMCAI 2004**

Università Ca' Foscari, Venice, January 11–13, 2004  
<http://www.dsi.unive.it/~vmcai04>

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The purpose of VMCAI is to provide a forum for researchers from the three communities (Verification, Model Checking, and Abstract Interpretation) that will facilitate interaction, cross-fertilization, and the advance of hybrid methods that combine the three. With the growing need for formal tools to reason about complex, infinite-state, and embedded systems, such hybrid methods are bound to be of great importance.

## Papers are solicited in two categories:

- (1) reporting new results as well as experimental evaluation and comparisons of existing techniques, and
- (2) survey papers that shed light on the existing methods, their role in verification, and the relations among them.

## Topics include but are not limited to:

- program verification
- static analysis techniques
- model checking
- program certification
- type systems
- abstract domains
- debugging techniques
- compiler optimization
- embedded systems
- formal analysis of security protocols

The proceedings of the conference will be published in the Springer-Verlag Lecture Notes in Computer Science series.

## The conference will feature invited talks by

- Dawson Engler, Stanford University (USA)
- Mooly Sagiv, Tel Aviv University (IL)

## and an invited tutorial on security by

- Joshua Guttman, Mitre (USA)

## Paper Submission

PostScript or PDF file of detailed abstract (up to 12 pages, excluding bibliography and including cover page) should be submitted electronically according to the guidelines detailed in <http://www.dsi.unive.it/~vmcai04>

## Important Dates

Paper submission deadline: August 22, 2003  
Notification of acceptance: October 3, 2003  
Camera-ready version due: November 7, 2003  
Conference: January 11–13, 2004, Università Ca'Foscari, Venice

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