



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

CALL FOR PAPERS