



Call for Papers and Demo Proposals
 10th IEEE Working Conference
 on Source Code Analysis and Manipulation
 (SCAM 2010)

12-13 September, 2010 – Timisoara, Romania

<http://www2010.ieee-scam.org/>

Co-located with the

26th IEEE International Conference on Software Maintenance (ICSM 2010)

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CONFERENCE AIMS:

The aim of this working conference is to bring together researchers and practitioners working on theory, techniques and applications which concern analysis and/or manipulation of the source code of computer systems. While much attention in the wider software engineering community is properly directed towards other aspects of systems development and evolution, such as specification, design and requirements engineering, it is the source code that contains the only precise description of the behaviour of the system. The analysis and manipulation of source code thus remains a pressing concern.

COVERED TOPICS AND PAPER FORMATS:

We welcome submission of papers that describe original and significant work in the field of source code analysis and manipulation. Topics of interest include, but are not limited to:

- program transformation
- abstract interpretation
- program slicing
- source level software metrics
- decompilation
- source level testing and verification
- source level optimization
- program comprehension

Note that SCAM explicitly solicits results from any theoretical or technological domain that can be applied to these and similar topics.

Submitted papers should not be longer than 10 pages. We also welcome submission of 2 page proposals for tool demonstrations expected to be performed live at the conference. All papers submitted should follow IEEE Computer Society Press Proceedings Author Guidelines. The papers should be submitted electronically via the conference web site. Submitted papers should not have been previously published, and should not have been concurrently submitted elsewhere

PROCEEDINGS AND SPECIAL ISSUE:

All accepted papers will appear in the proceedings which will be published by the IEEE Computer Society Press. Best papers from SCAM 2010 will be considered for revision, extension, and publication in a special issue of **the Science of Computer Programming** journal edited by Elsevier.

IMPORTANT DATES:

Abstracts submission:	23 April 2010
Technical papers submission:	30 April 2010
Tool demo submission:	15 May 2010
Notification:	7 June 2010
Camera Ready Due:	25 June 2010



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