Call for Papers

SCAM 2002

Second IEEE International Workshop on Source Code Analysis and Manipulation

1st October 2002,
Montreal, Canada,
Location: CRIM
address: 550 Sherbrooke Street West
(just a very short walk from the ICSM conference hotel)

Co-located with
IEEE International Conference on Software Maintenance, (ICSM 2002)
Fourth IEEE Workshop on Web Site Evolution, (WSE 2002)
Database Maintenance and Reengineering Workshop (DBMR 2002)

Sponsored by Institute of Electrical and Electronics Engineers (IEEE)

The aim of this workshop 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. Topics include, but are not limited to: program transformation, abstract interpretation, program slicing, source level software metrics, decompilation, source level testing and verification, source level optimisation and program comprehension. However, the emphasis of the workshop is on the analysis and manipulation techniques themselves.

For the purpose of clarity ‘source code’ is taken to mean any fully executable description of a software system. It is therefore so-construed as to include machine code, very high level languages and executable graphical representations of systems. The term ‘analysis’ is taken to mean any automated or semi automated procedure which takes source code and yields insight into its meaning. The term ‘manipulation’ is taken to mean any automated or semi-automated procedure which takes and returns source code.

Papers should be submitted electronically. There is an electronic submission site at http://serg.ing.unisannio.it/~scam2002/submit/.

There will be a special issue of The Journal of Automated Software Engineering containing extended versions of selected papers from SCAM 2002.
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<td>Notification : 14th June 2002</td>
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<td>Camera Ready Due : 19th July 2002</td>
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Dave Binkley, Computer Science Department, Loyola College in Maryland, USA

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Andrea De Lucia, Research Centre on Software Technology, Università degli Studi del Sannio, Italy and
Jim Cordy, School of Computing, Queen’s University, Canada

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http://www.brunel.ac.uk/~csstmmh2/scam2002