Call for Participation

SCAM 2001

IEEE International Workshop on Source Code Analysis and Manipulation

November 10th 2001,
Florence, Italy,
Co-located with
IEEE International Conference on Software Maintenance, (ICSM2001)
IEEE 7^{th} Workshop on Empirical Studies of Software Maintenance, (WESS2001)

Sponsored by
Engineering and Physical Sciences Research Council (EPSRC),
Institute of Electrical and Electronics Engineers (IEEE),
Università degli Studi del Sannio,
Brunel University,
University of Durham

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 empahsis of SCAM2001 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.

SCAM2001 is co-located with WESS2001 and ICSM2001. Authors of papers with a large empirical component are encouraged to submit to WESS2001, rather than to SCAM2001. Authors of full papers which concern the application of source code analysis and manipulation to reverse engineering should submit their papers to WCRE.

Both full paper and position paper submissions are sought. Authors should clearly indicate which form of paper they are submitting. Accepted submissions (both full papers and position papers) will appear in the SCAM2001 proceedings, which will be published by the IEEE Computer Society Press. There will also be a special issue of the international journal, Information and Software Technology, containing the best full papers from SCAM2001. The conference committee may invite authors of some position papers to extend their papers for inclusion in the special issue.

Authors should submit Ghostview-readable postscript or PDF to the program chair, Malcolm Munro (`Malcolm.Munro@durham.ac.uk`) by 20th April 2001. Enquiries concerning SCAM2001 should be directed to the general chair, Mark Harman (`Mark.Harman@brunel.ac.uk`).

Important Dates

Deadline for submission	:	**20th April 2001**
Notification	:	**10th June 2001**
Camera Ready Due	:	**15th July 2001**
Workshop	:	**10th November 2001**

Submit Ghostview-readable postscript or PDF to Malcolm Munro