Call for Papers and Tool Demo Proposals
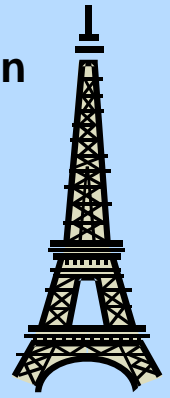
Seventh IEEE International Working Conference on Source Code Analysis and Manipulation

SCAM 2007

September 30 - October 1, 2007
Maison Internationale, Paris, France

http://www2007.ieee-scam.org/

Co-located with the 23nd IEEE International Conference on Software Maintenance (ICSM 2007)
http://icsm07.ai.univ-paris8.fr/

General Chair:

Leon Moonen
Delft University of Technology, NL
Leon.Moonen@computer.org

Program Co-chairs:

Michael Godfrey
University of Waterloo, CA
migod@uwaterloo.ca

Bogdan Korel
Illinois Institute of Technology, USA
korel@iit.edu

Financial Chair:

Dave Binkley
Loyola College, Baltimore, USA
binkley@cs.loyola.edu

Tool Demonstration Chair:

Keith Gallagher
Durham University, UK
k.b.gallagher@durham.ac.uk

Local Chair:

Matthieu Martel
Commissariat à l'Energie Atomique,
France, Matthieu.Martel@cea.fr

Publicity Chair:

Zheng Li
King's College London, UK
Zheng.Li@kcl.ac.uk

Electronic Submission Chair:

Massimiliano Di Penta
Università degli Studi del Sannio, IT
dipenta@unisannio.it

The aim of this working conference is to bring together researchers and practitioners interested in 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.

We welcome submission of papers that describe original and significant work and are not under submission elsewhere. 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

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. All accepted papers will appear in the proceedings which will be published by the IEEE Computer Society Press.

A selection of best papers from SCAM 2007 will be invited for revision, extension, and publication in a special issue of the Journal of Automated Software Engineering (Springer).

Tentative Dates:

Abstract submission:	April 23, 2007
Full paper submission:	April 30, 2007
Notification:	June 11, 2007
Camera Ready Due:	July 9, 2007
Workshop:	September 30 & October 1, 2007