Call for Papers

# SCAM 2006
# Sixth IEEE International Workshop on Source Code Analysis and Manipulation

27th-29th September 2006,
Sheraton Society Hill, Philadelphia, PA, USA

**http://www.dcs.kcl.ac.uk/staff/mark/scam2006**

Co-located with:
22nd IEEE International Conference on Software Maintenance (ICSM 2006)
**http://icsm2006.cs.drexel.edu**

An outstanding keynote will be given by John Hatcliff from Kansas State University

**General Chair:**
**Andrea De Lucia**
Univ. of Salerno (Italy)
adelucia@unisa.it

**Program Co-chairs:**
**Massimiliano Di Penta**
RCOST – Univ. of Sannio (Italy)
dipenta@unisannio.it

**Leon Moonen**
Delft University of Technology and CWI,
the Netherlands
Leon.Moonen@computer.org

**Tool Demonstration Chair:**
**Keith Brian Gallagher**
University of Durham, UK
k.b.gallagher@durham.ac.uk

**Publicity Chairs:**
**Mark Harman**
King's College, London, UK
Mark@dcs.kcl.ac.uk

**Tom Dean**
Queen's University, Canada
tom.dean@queensu.ca

**Jianjun Zhao**
Fukuoka Institute of Technology, Japan
zhao@cs.fit.ac.jp

**Financial Chair:**
**Dave Binkley**
Loyola College, Baltimore, USA
binkley@cs.loyola.edu

**Local arrangements Chair:**
**Tom Way**
Villanova University, Philadelphia, USA
thomas.way@villanova.edu

**Submission Chair:**
**Mario Luca Bernardi**
RCOST – Univ. of Sannio (Italy)
mlbernar@unisannio.it

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.

Papers should 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

Papers should not be longer than 10 pages in IEEE Computer Society Press Proceedings Author Guidelines. Papers should be submitted electronically.

This year's SCAM also foresees the submission of tool demonstration proposals (1 page). Authors are expected to perform live demonstrations at the workshop.

The electronic portal for web submission is at:
**http://cyber.rcost.unisannio.it/scam2006papers/**

All papers accepted for inclusion in the workshop will appear in the proceedings which will be published by the IEEE Computer Society Press.
Authors of selected papers will be invited to submit extended version of their papers for a special issue of the Journal of Software Maintenance and Evolution: Research and Practice edited by John Wiley and Sons.

**Important Dates:**

| | |
|---|---|
| Abstract submission: | 24th April 2006 |
| Full paper submission: | 2nd May 2006 |
| Notification: | 10th June 2006 |
| Camera Ready Due: | 10th July 2006 |
| Workshop: | 27th-29th September 2006 |