



CALL FOR PAPERS

12th Working Conference on Reverse Engineering

WCRE 2005

8-11 November 2005, Pittsburgh, Pennsylvania, USA (Carnegie Mellon)

<http://www.rcost.unisannio.it/wcre2005/>



Theme: Recovering and Reclaiming Architecture

Meeting cooperatively with
5th Working IEEE/IFIP Conference on Software Architecture (WICSA 2005)

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Program Committee

To be announced

Sponsors and Host

- Reengineering Forum
- IEEE Computer Society TCSE

A PDF version of this CFP is
available at
<http://www.rcost.unisannio.it/wcre2005/wcre2005cfp.pdf>

The Working Conference on Reverse Engineering (WCRE) is the premier research conference on the theory and practice of recovering information from existing software and systems. WCRE explores innovative methods of extracting the many kinds of information that can be recovered from software, software engineering documents, and systems artifacts, and examines innovative ways of using this information in system renovation and program understanding.

WCRE Topics

We invite original research papers and experience reports in all areas of software maintenance, evolution, reengineering, and migration. Topics of interest include, but are not limited to:

- Software architecture recovery
- Learning from system architecture
- Binary reverse engineering
- Decompilation and binary translation
- Reengineering model-driven architectures
- Program transformation and refactoring
- Program comprehension
- Object and aspect identification
- Preprocessing, parsing and fact extraction
- Reverse engineering tool support
- Reengineering to distributed architectures
- Visualization techniques and tools
- Concept analysis
- Redocumenting legacy systems
- Program analysis and slicing
- Reengineering patterns
- Wrapping techniques
- Dynamic analysis
- User interface reengineering
- Data reverse engineering

Submission of Papers

Papers should describe original and significant work in the research and practice of reverse engineering. Papers should be limited to 10 proceedings pages. Papers must not have been previously published nor have been submitted to, or be in consideration for, any journal, book, or other conference. Papers must conform to the IEEE paper format guidelines. WCRE 2005 will use an electronic submission process. For more details, please visit the WCRE 2005 web site at <http://www.rcost.unisannio.it/wcre2005/>.

Technical papers:	
Papers Due	May 12, 2005, 23:59 UTC (strict deadline)
Notification to Authors	July 9, 2005
Camera-ready Papers Due	August 12, 2005
Workshops	
Workshop Proposals Due	June 10, 2005
Notification to Proponents	July 9, 2005
Workshop description camera-ready	August 12, 2005
Workshop Papers and Tool Demos	
Tool Description Due	September 2, 2005
Notification to Authors	September 23, 2005
Camera-ready	October 7, 2005