



CALL FOR CONTRIBUTIONS

## 14<sup>th</sup> Working Conference on Reverse Engineering

### WCRE 2007

October 28 to 31, 2007 – Vancouver, British Columbia, Canada

<http://www.rcost.unisannio.it/wcre2007/>

Theme: *using evolution history for reverse engineering*



#### General chairs

Michael Blaha

Modelsoft Consulting Corporation - USA

Serge Vanasse

Modelsoft Consulting Corporation - USA

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RCOST – University of Sannio, Italy

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RCOST-University of Sannio, Italy

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.

We invite original, high-quality research papers in all areas of software maintenance, evolution, reengineering, and migration.

Topics of interest include, but are not limited to:

Mining software repositories

Empirical studies in reverse engineering

Program comprehension

Concept and feature location

Binary reverse engineering

Redocumenting legacy systems

Model-driven reengineering

User interface reengineering

Wrapping techniques

Preprocessing, parsing and fact extraction

Reverse engineering tool support

Reengineering to distributed architectures

Software architecture recovery

Visualization techniques and tools

Object and aspect identification

Program analysis and slicing

Reengineering patterns

Program transformation and refactoring

Dynamic analysis

Data reverse engineering

Reverse engineering for security assessment

Education in reverse engineering

Technical 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 will be evaluated by members of the program committee based on their originality, technical soundness and quality of presentation. Papers must conform to the IEEE proceedings paper format guidelines. If the paper is accepted, at least one author is expected to attend the conference and to present the paper. WCRE accepted papers will appear in proceedings published by the IEEE CS Press.

Besides technical papers, WCRE foresees the submission of tool demonstration proposals, industry/experience reports and PhD dissertation long abstracts. Also, it welcomes the organization of workshops and tutorials. Further details on special track submissions can be found on the WCRE website at the following URL: <http://www.rcost.unisannio.it/wcre2007/>

We are planning a special issue of an international journal featuring extended, revised versions of papers accepted at WCRE 2007.

Important dates:

WCRE paper abstracts due:

June 6, 2007

WCRE full papers due (firm deadline):

June 13, 2007

Notification to authors:

July 20, 2007

Special tracks submission (Tool, Industry, PhD):

June 25, 2007

Special tracks acceptance notification:

July 20, 2007

Submission of workshop proposals:

June 25, 2007

Submission of tutorial proposals:

June 25, 2007

Workshop and tutorial acceptance:

July 20, 2007

Conference:

27-31 October 2007

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