# CALL FOR CONTRIBUTIONS

## 14th Working Conference on Reverse Engineering

**WCRE 2007**

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


**Theme:** using evolution history for reverse engineering

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 | Reengineering to distributed architectures |
| Empirical studies in reverse engineering | Software architecture recovery |
| Program comprehension | Visualization techniques and tools |
| Concept and feature location | Object and aspect identification |
| Binary reverse engineering | Program analysis and slicing |
| Redocumenting legacy systems | Reengineering patterns |
| Model-driven reengineering | Program transformation and refactoring |
| User interface reengineering | Dynamic analysis |
| Wrapping techniques | Data reverse engineering |
| Preprocessing, parsing and fact extraction | Reverse engineering for security assessment |
| Reverse engineering tool support | 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/](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

### Sponsored by:

- The Reengineering Forum
- IEEE Computer Society TCSE
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