CALL FOR CONTRIBUTIONS

15th Working Conference on Reverse Engineering (WCRE 2008)

October 15th-18th, 2008 – Antwerp, Belgium

http://swerl.tudelft.nl/wcre2008/

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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:

- Program comprehension
- Mining software repositories
- Empirical studies in reverse engineering
- 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
- Reverse engineering of service-oriented systems
- 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
- Performance re-engineering

Technical papers should describe original and significant work in the research and practice of reverse engineering. Papers are 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 the IEEE Digital Library.

Besides technical papers, WCRE foresees the submission of tool demonstration proposals, industry/experience reports and PhD dissertation long abstracts. WCRE welcomes the organization of workshops and tutorials. Further details on special track submissions can be found on the WCRE website.

A special issue of the Journal of Software Maintenance and Evolution (JSME) edited by Wiley will feature extended, revised versions of the best papers accepted at WCRE 2008.

Important dates:

Abstracts due:	June 13, 2008
Full papers due (firm deadline):	June 20, 2008
Special tracks submission (Tool, Industry, PhD):	June 30, 2008
Submission of workshop/tutorial proposals:	June 30, 2008
Conference:	October 15-18 2008

Sponsored by:

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