CALL FOR CONTRIBUTIONS

16th Working Conference on Reverse Engineering
(WCRE 2009)

October 13th-16th, 2009 – Lille, France

http://web.soccerlab.polymtl.ca/wcre2009/

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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 IEEE Transaction on Software Engineering (TSE) is under negotiation to feature extended, revised versions of the best papers accepted at WCRE 2009.

Important dates:

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<tr>
<td>Abstracts due</td>
<td>June 13, 2009</td>
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<tr>
<td>Full papers due (firm deadline)</td>
<td>June 20, 2009</td>
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<tr>
<td>Special tracks submission (Tool, Industry, PhD)</td>
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<td>Submission of workshop/tutorial proposals</td>
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Sponsored by:

The Reengineering Forum
IEEE Computer Society TCSE (pending)
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