It is our great pleasure to welcome you to the 14th Working Conference on Reverse Engineering (WCRE 2007). This year’s theme, *Using Evolution History for Reverse Engineering*, reflects a current trend in reverse engineering activities. Data mined from software repositories is now starting to play a crucial role in software analysis, and the historical analysis constitutes a great complement to static and dynamic analyses.

WCRE is a very healthy and appealing conference: This year we received a total of 87 submissions, which represents a record for WCRE. Out of these, we accepted 27 papers for inclusion in the technical program, giving us an acceptance rate of 31%. The selection process was very rigorous; each paper was reviewed by at least three reviewers and a discussion was triggered for those papers without initial consensus. There were many good papers that we could not include in the program and we hope the authors will take advantage of reviewers’ feedbacks to make improvements. This year’s program includes sessions on exciting topics such as program analysis, clone detection, software clustering, data reverse engineering, program comprehension, protocol recovery, user interface reengineering, visualization, and, of course, mining software repositories. Authors of the best papers will be invited to submit extended versions of their work to a special issue of the *Software Quality Journal* (SQJ) edited by Springer.

This year’s keynotes come from two distinguished, well-known reverse engineering practitioners: Ira D. Baxter from Semantic Designs, Inc., and Donald J. Reifer from Reifer Consultants, Inc. Ira D. Baxter is very well known in the reverse engineering community. He is the cofounder of Semantic Designs, Inc., and a few of his contributions include the Design Maintenance System™ (DMS) and the Abstract Syntax Tree based clone detector CloneDR™. Donald J. Reifer is one of the leading figures in the field of systems/software engineering and management. He has broad experience in academia, industry, and government. We hope the two keynotes will provide an industrial perspective to the reverse engineering research community and stimulate interesting discussion.

The conference program also includes a tool demonstration track with four tools and a Ph.D. symposium where five promising young reverse engineering scientists will present their thesis work. Daniel German from the University of Victoria will give a tutorial on “Intellectual Property for Software (Re)Engineers and Researchers.” The WCRE program this year also includes four stimulating workshops: Code Based Software Security Assessments (CoBaSSA), Program COMprehension through Dynamic Analysis (PCODA), Performance Engineering and Reverse Engineering (PERE), and an Industrial and Applications Forum hosted by the Reengineering Forum (REF) industry association. These events will be highly interactive and build the basis for strong research work and new collaborations among the participants.
We would like to thank all of the people who allowed us to build such an exciting program: Michael Blaha (General Chair), Giuliano Antoniol and Eleni Stroulia (Ph.D. Forum Chairs), Ahmed Hassan and Jim Whitehead (Workshop Chairs), Daniel M. German and Zhenchang Xing (Tool Demonstration Chairs), Elliot Chikofsky (Finance and Registration Chair and the father of WCRE), Michael L. Collard (Submission Chair), Tina Del Grosso (Web Master), and Randall Bilof from the IEEE Computer Society for managing the publication process. We would especially like to thank the program committee and the additional reviewers. They handled quite a high reviewing load on a tight schedule and provided very constructive feedback. Last, but not least, we thank the authors for submitting to WCRE 2007 a set of very high quality papers.

Enjoy the conference!

Massimiliano Di Penta and Jonathan I. Maletic

WCRE 2007 Program Chairs