Keynote Speakers

**WCPE 2005**
KEYNOTE SPEAKER

Rainer Koschke is a professor for software engineering at the University of Bremen in Germany (http://www.informatik.uni-bremen.de/~koschke/). His research interests are primarily in the fields of software engineering and program analyses. His current research includes architecture recovery, feature location, program analyses, clone detection, and reverse engineering. He is one the founders of the Bauhaus research project (http://www.bauhaus-stuttgart.de), founded in 1997 to develop methods and tools to support software maintainers in their daily job through reconstructed architectural and source code views.

Prof. Koschke teaches reengineering and software engineering. He holds a doctoral degree in computer science from the University of Stuttgart, Germany. He is the current Chair of the IEEE-CS TCSE Committee on Reverse Engineering and Reengineering (http://www.tcse.org/revengr/) and initiator and maintainer of the IEEE TCSE online bibliography on reengineering (http://www.iste.uni-stuttgart.de/ps/reengineering/index.html)

His keynote talk for joint meeting of WCRE and WISCA is titled:
"What architects should know about reverse engineering and reengineering"

KEYNOTE SPEAKER

Philip Newcomb, Chief Executive Officer (CEO) and Chairman of the Board of The Software Revolution Inc. (TSRI), is an internationally recognized expert in the application of artificial intelligence and formal methods of software engineering. He has published numerous papers and articles in technical journals and is a frequent presenter to national and international forums in his field. He has graduate work and degrees from Carnegie Mellon University, the University of Washington, Ball State University and Indiana University. Over the course of 23 years he has done groundbreaking research in the applications of artificial intelligence, software engineering, automatic programming and formal methods technology for industrial software problems. Mr. Newcomb formulated the conceptual product framework and led a team of computer scientists to develop the software transformation technology and products offered by TSRI. Ref.: http://www.softwarerevolution.com/

His keynote talk is titled:
"Models and Reality: Where the Rubber Meets the Road"