Keynote Address

Program Redocumentation:
Lessons Learned & Future Challenges

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Scott Tilley is an Associate Professor of Software Engineering in the
Department of Computer Sciences at the Florida Institute of Technology. He also holds a cross-appointment in the College of Business as an
Associate Professor of Management Information Systems. He is a Visiting Scientist at Carnegie Mellon University’s Software Engineering
Institute. He is Principal of S.R. Tilley & Associates, an information technology consultancy based on Florida’s Space Coast. He has a Ph.D. from the University of Victoria.

His main field of research is software engineering in general, and system evolution in particular. His topic areas include program redocumentation, reverse engineering for program understanding, net-centric computing, technology adoption, end-user programming, hypermedia, intellectual property, and Web site evolution. One of his current funded projects is focused on assessing the efficacy of UML diagrams as a form of graphical documentation, and developing style guidelines to better support their use as a system comprehension aid.

He is Chair of the Steering Committee for the IEEE Web Site Evolution (WSE) series of events, Co-Chair of the SDM-DS Editorial Board, and the Immediate Past Chair of the Association for Computing Machinery’s Special Interest Group on Design of Communication (ACM SIGDOC). He was the Program Co-Chair for IWPC ‘98. He is General Co-Chair for the 24th IEEE International Conference on Software Maintenance (ICSM 2008), which will take place in September 2008 in Beijing, China.