Foreword

Welcome to the 27th IEEE International Conference on Software Maintenance in Williamsburg, Virginia, USA. ICSM is continuing its journey around the world in a new location. The conference is hosted by the Williamsburg Lodge, situated in the heart of Historical Williamsburg. We hope you will enjoy the location as much as the conference.

ICSM 2011 is the result of a long effort undertaken by many people. The Organizing Committee includes 19 people whose work was also supported by seven student volunteers. The Program Committees for all tracks included 112 people and many additional reviewers contributed to the review process. The names of these volunteers are listed on the following pages and we want to thank all of them for their great work and contributions. ICSM would not exist without the effort of such people.

We want to thank the technical sponsors of the conference, the IEEE Computer Society and the IEEE Technical Council on Software Engineering, for their help and support. We extend our gratitude to our supporters for their generous contributions: The College of William & Mary, Wayne State University, ABB, and SIG.

Four additional events are collocated with ICSM this year: the 11th IEEE International Working Conference on Source Code Analysis and Manipulation (SCAM), the 13th IEEE International Symposium on Web Systems Evolution (WSE), the 6th IEEE International Workshop on Visualizing Software for Understanding and Analysis (VISSOFT), and the International Workshop on the Maintenance and Evolution of Service-Oriented and Cloud-Based Systems (MESOCA). In addition to the main Research Track, ICSM 2011 features three Tutorials, the Early Research Achievements (ERA) Track, the Industry Track, a Tool Demo Track, a Mid-career Doctoral Symposium, a Post-Doctoral Symposium, and two invited keynotes. This year brings a premiere, as ICSM 2011 will award and present the Most Influential Paper from ICSM 2001.

The Research Track includes 36 papers. These were selected from 127 submissions, submitted by 401 authors from 28 countries. Each paper was reviewed by at least three members of the Program Committee. The Program Committee had 77 members from 19 countries. Additional 89 external reviewers helped the PC with the reviews. The reviews were lively discussed online during two weeks and final decisions were made based on the reviews and discussions.

The ERA Track will feature 13 papers, which will also be presented informally in a poster session. The Tool Demo Track includes six tool demonstrations, which will be presented formally and also informally during the poster session. The Industrial Track includes 14 papers, while the Dissertation Session includes five presentations. Last but not least, the ICSM program includes three half-day tutorials and a half-day Mid-career doctoral symposium.

Two keynote presentations are scheduled this year. We are excited to have Dr. Richard Kemmerer and Dr. Lionel Briand giving the keynotes.

We hope you will have a great time and an unforgettable experience at ICSM 2011.

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