

Message from the Chairs

Welcome to the 1st IEEE International Working Conference on Software Visualization (VISOFT 2013) in Eindhoven, The Netherlands. This conference resulted from the recent merger of the ACM Symposium on Software Visualization (Softvis) and the IEEE International Workshop on Visualizing Software for Understanding and Analysis (VISOFT). As such, VISOFT 2013 carries and refines the tradition of its predecessors by focusing specifically on visualization techniques that draw on aspects of software maintenance, software evolution, program comprehension, reverse engineering, and reengineering. For its first year, VISOFT is collocating with the 29th IEEE International Conference on Software Maintenance (ICSM). Both events are hosted by the Eindhoven University of Technology, the Netherlands. We hope you will enjoy the location as much as the conference.

VISOFT 2013 is the result of a long effort undertaken by many people. The Organizing Committee includes: Alexandru Telea (general chair); Andreas Kerren and Andrian Marcus (program co-chairs); Stephan Diehl and James Jones (NIER and tool demo track co-chairs); and Jonas Trümper (publicity and web chair). The Program Committees for the tracks include 31 people and 21 additional reviewers who contributed to the review process. The names of these volunteers are listed on the following pages. We want to thank all of them for their great work, constructive reviews, and contributions. VISOFT would not exist without the effort of such people.

We also thank the technical sponsors of the conference, the IEEE Computer Society and the IEEE Technical Council on Software Engineering, for their sustained help and support. We extend our thanks to Alexander Serebrenik, the general chair of ICSM 2013, for his invaluable support that made the co-location of VISOFT with ICSM possible. We believe that this co-location will strongly foster the exchange of novel ideas, use-cases, and solutions related to software visualization between their producers (visualization researchers) and consumers (software professionals).

Last but not least, we thank the VISOFT steering committee for their help and advice with the organization of the conference.

The VISOFT 2013 program includes nine full-length research papers. These were selected from 20 submissions, submitted by 62 authors from 15 countries. Each paper was reviewed by at least four members of the Program Committee that consisted of 24 members from six countries. Additionally, 11 external reviewers helped the PC with the reviews. The reviews were lively discussed online for one week and final decisions were made based on the reviews and discussions.

The New Ideas and Emerging Results (NIER) Track features 15 papers that present novel, promising ideas in software visualization. The Tool Demo Track includes seven tool demonstration papers. We also feature a tool demo session, during which tool papers will be formally demonstrated to the public. Along

these, tools and techniques presented in the other papers accepted at VISSOFT are informally demonstrated.

We are pleased to announce a keynote talk by a high-profile researcher in information visualization - Prof. Jarke J. van Wijk from the Eindhoven University of Technology, who will discuss the grand open challenges in information visualization that also affect our software visualization application field.

We hope you will have a great time and an unforgettable experience at VISSOFT 2013.

Alexandru C. Telea

VISSOFT 2013 General Chair
University of Groningen, The Netherlands

Andreas Kerren

VISSOFT 2013 Program Co-Chair
Linnaeus University, Växjö, Sweden

Andrian Marcus

VISSOFT 2013 Program Co-Chair
Wayne State University, Detroit, USA

Program Committee – Main Track

Wim De Pauw	IBM Research, USA
Stephan Diehl	University of Trier, Germany
Jürgen Döllner	Hasso Plattner Institute, University of Potsdam, DE
Carsten Görg	University of Colorado, USA
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Michael Kaufmann	University of Tübingen, Germany
Holger Kienle	University of Victoria, Canada
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Margaret-Anne Storey	University of Victoria, Canada
Robert Walker	University of Calgary, Canada
Jarke J. van Wijk	Eindhoven University of Technology, the Netherlands
Kang Zhang	University of Texas, USA

Program Committee – NIER and Tool Demonstration Track

Bilal Alsallakh	Technical University of Vienna, Austria
Jairo Aponte	National University of Colombia, Colombia
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Huzefa Kagdi	Wichita State University, USA
Chris Parnin	Georgia Institute of Technology, USA
Denys Poshyvanyk	College of William and Mary, USA
Jonas Trümper	Hasso Plattner Institute, University of Potsdam, Germany

Additional Reviewers

Sebastian Baltes	University of Trier, Germany
Omar Benomar	Université de Montréal, Canada
Benjamin Biegel	University of Trier, Germany
Cong Chen	University of Texas, USA
Brendan Cleary	University of Victoria, Canada
Brad Cossette	University of Calgary, Canada
Rylan Cottrell	University of Calgary, Canada
Lorenzo Di Silvestro	University of Catania, Italy
Bogdan Dit	College of William and Mary, USA
Robert Krug	University of Tübingen, Germany
Isaac Liao	University of California, Davis, USA
Qi Luo	College of William and Mary, USA
Rainer Lutz	University of Trier, Germany
Dan Mosora	Kent State University, USA
Chris Muelder	University of California, Davis, USA
Leif Singer	University of Victoria, Canada
Christian Zielke	University of Tübingen, Germany