Message from the VISSOFT 2017 Chairs

It is our honor to welcome you to the 5th IEEE Working Conference on Software Visualization (VISSOFT 2017) held in Shanghai, China. As an established tradition, this year’s VISSOFT is co-located with the International Conference on Software Maintenance and Evolution (ICSME), which is in its 33rd edition.

The VISSOFT 2017 program includes two keynotes. The first one is by Prof. Steven Reiss from Brown University, who will talk about Visualization in Code Bubbles: A Perspective and Look Ahead, and the second keynote will be by Prof. Shixia Liu from Tsinghua University in Beijing, who will talk about Interactive Model Analysis.

The technical program is composed of 9 full papers that were accepted out of a total of 14 submissions. Each paper was reviewed by four PC members. The reviewing process also included an author response period. The accepted papers were also invited to submit to the artifact evaluation track, following the tradition of artifact evaluation started at VISSOFT 2015. Of the accepted papers, 5 were submitted to the artifact evaluation track and 3 were accepted by the committee.

The New Ideas and Emerging Results (NIER) track contains 4 papers, and 6 tool demos that will be formally presented at the conference. In addition, the program will feature a dedicated session for informal tool demo presentations and discussions. Some of the best papers will be invited to submit extended versions of their work to the Journal of Software: Evolution and Process.

This year’s conference is the result of an effort by many people. First of all, we would like to thank the authors who submitted great quality work and who are keeping the research community of Software Visualization thriving. Your hard work has been essential for the success of this year’s VISSOFT.

Another thank you goes to members of the organizing committee. We would like to thank the Program co-chairs for the NIER/TD track, Olga Baysal and Bonita Sharif, the Artifact Evaluation co-chairs, Anne Etien and Omar Benomar, the publicity co-chairs, Bin Lin and Cong Chen, and the web chair, Juan Pablo Sandoval Alcocer. This year’s VISSOFT includes, for the first time and with the support of the VISSOFT Steering Committee, a Most Influential Paper Award. A special thank you goes to the chairs of this award, Stephan Diehl and Malcolm Munro, for their effort in selecting the first paper to receive this prize. This year’s award recognizes the impact of papers from the first editions of VISSOFT and SOFTVIS. The paper being recognized this year is “A task oriented view of software visualization”, by J. I. Maletic, A. Marcus and M. L. Collard, published at the first VISSOFT workshop in 2002.

We would like also to acknowledge the following members of the ICSME Organizing Committee for their essential help in the logistics and organization of the conference: the General Chair, Hong Mei, the Local Chair, Xin Peng, the Finance Chair, Yijian Wu, and the Proceedings Chair...
Web Chair, Liwei Shen. We are also extremely grateful to Huawei for sponsoring the best paper award, a Huawei Mate 9 smartphone.

Another essential thank you goes to the Program Committee members for the high quality reviews they produced and the insightful discussions on the submitted papers. The total number of people in the Program Committees in all tracks amounts to 53 people. Their names are listed on the following pages. In this years’ selection of Program Committee members, the Program Co-Chairs have tried to improve the gender balance of the committee and diversify the expertise of its members, and include experts from the Software Visualization community, the Software Engineering community, and the Information Visualization community.

We hope that you experience a great time in Shanghai and at this year’s VISSOFT. We look forward to engaging many of you in discussions, both in and out of the scheduled sessions, and hope that this year’s event will inspire you for the next year’s edition!

Kang Zhang
General Chair
The University of Texas at Dallas, USA

Ivan Beschastnikh
Program Co-Chair
University of British Columbia, Canada

Andrea Mocci
Program Co-Chair
Università della Svizzera italiana, Switzerland