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Message from the Chairs

It is our great pleasure to welcome you to Seattle for the 2008 ACM International Symposium on Software Testing and Analysis – ISSTA 2008. This year's symposium continues the tradition of ISSTA being the premier forum for presentation of research results on leading edge issues related to software testing and analysis.

The call for papers attracted 101 submissions to ISSTA 2008, the same number as the year before, which shows the significant ongoing interest in the field. The program committee accepted 26 papers that cover a variety of topics, including static analysis, fault localization, and various hybrid testing and analysis approaches. Additionally, we invited a number of student authors to present their ideas as posters at the conference.

The program includes two distinguished keynote speakers: Jim Larus on "The Real Value of Testing" and Ben Liblit on "Cooperative Debugging With Five Hundred Million Test Cases". Five satellite workshops (Defects, PADTAD, TAV-WEB, WODA, and SSEAT) offer attendees the chance to present work and exchange ideas on focused topics of shared interest. Further program details are available on the ISSTA 2008 Web site at http://issta08.rutgers.edu/.

Putting together ISSTA 2008 was a great effort from the members of our community. First and foremost, we are thankful to the authors who provide the content of our program and who are presenting their contributions at the conference. The program committee and the external reviewers worked very hard reviewing papers and selecting them during the PC meeting, which was held in New Brunswick, New Jersey (USA) on March 29–30, 2008. Bruno Dufour and Weilei Zhang both did a great job in maintaining the ISSTA web pages. Finally, we would like to thank ACM SIGSOFT and ACM SIGPLAN, our sponsor and in-cooperation sponsor, and the industrial supporters of ISSTA and its workshops, Microsoft Research and IBM Research, for their generous support.

We hope that you will find this program rich, thought-provoking, and inspiring. We hope that ISSTA 2008 gives you valuable opportunities to share ideas with researchers and practitioners from our vibrant and growing testing and analysis community.

Barbara Ryder
ISSTA 2008 General Chair
Virginia Tech, USA

Andreas Zeller
ISSTA 2008 Program Chair
Saarland University, Germany
ISSTA 2008

2008 International Symposium on Software Testing and Analysis
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ISSTA’08 Proceedings

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