Welcome to the 14th IEEE International Conference on Automated Software Engineering. We are fortunate to be able to hold it here in Cocoa Beach, Florida, near to such exciting attractions as NASA’s Kennedy Space Center, Disneyworld, and Florida’s beaches.

The ASE conference (http://sigart.acm.org/Conferences/ase/) has evolved into an international meeting place for researchers with interests in the automation of software engineering activities. Here, experts with different backgrounds in software practice and theory present and discuss promising results of their research. Traditional topics at ASE include automation of the design, synthesis, analysis and understanding of software artifacts, with validation and verification (including testing) of software being the most popular single topic area this year.

This year, 25 long papers have been selected for presentation from 123 submissions, grouped into sessions having the broad topics of software synthesis, requirements elicitation, reuse, test synthesis, analysis, verification, transformation, architecture, and automated testing. We expect these sessions to be quite exciting and broad enough to have something for everybody.

In addition, 25 short papers will be presented and discussed in a special combined demo and poster session. These represent work the program committee feels is interesting and novel, but not yet fully mature. Previous conferences have shown that some of the most interesting and entertaining topics are discussed in the less formal and highly interactive short paper sessions. Colocated with the short paper poster session will be selected demos of ASE-related software tools, some of which have one page abstracts in these proceedings.

In addition, we have organized panels relating to the hot topics of model checking as applied to software systems and experimentation and evaluation in automated software engineering research. We believe these sessions will be entertaining and highly interactive.

Our warmest thanks go to the many individuals and organizations who have helped to put on this year’s conference. The steering committee, organizing committee, and the program committee all worked many hours on creating this year’s conference, with a large fraction of the program committee attending the meeting, held this year at Kestrel Institute in Palo Alto, California. We extend special thanks to Kestrel Institute, including Cordell Green, Edith Barnes, and Nicolaj Bjorner. Kestrel was a great place to locate the meeting. Our thanks go also to Anne Rawlinson, Deborah Plummer and other individuals at the IEEE Computer Society.

Please enjoy this year’s conference and these proceedings; we are confident you will find them both stimulating and entertaining.

Dorothy Setliff  Robert J. Hall  Enn Tyugu