Welcome to the Seventeenth Asian Test Symposium (ATS’08). Since 1992, ATS has been held every year in various Asian cities as the largest symposium that focuses on testing of integrated circuits and systems. Many researchers and engineers from all over the world have attended the past symposia and enjoyed discussions. This year ATS is being held in Sapporo, Japan.

We have received 152 technical paper submissions from 19 countries and regions, including 37 from North and South America, 28 from Japan, 23 from Mainland China, 21 from Taiwan, 11 from India, 7 from Korea, 6 from other Asian countries and regions, and 1 from Africa. Each paper was sent to at least three reviewers for evaluation. The Program Committee meeting was held on July 4, 2008, at Campus Innovation Center Tokyo, and 62 papers were selected based on the reviewers’ rating and comments. The selected papers, which cover nearly all aspects of the key area of VLSI testing, were allocated into 20 technical sessions. We have also received 15 industry paper submissions and selected 12 of them to form an industry session.

In addition to the technical and industry sessions, the ATS program includes two plenary sessions, two special sessions on analog production test, one panel session and two half-day tutorials. Two keynote addresses and two invited talks in the plenary sessions are given by Dr. Brian Stevens, Dr. Kunio Uchiyama, Dr. Brady Benware and Prof. Kunihiro Asada. Special session on analog production test is organized by Dr. Fidel Muradali and Dr. Jochen Rivoir. One panel session is organized by Dr. Anis Uzzaman. Two half-day tutorials are offered in cooperation with the Test Technology Test Education Program (TTEP) of IEEE Computer Society, Test Technology Technical Council (TTTC). One is on statistical screening methods by Prof. Adit Singh and the other is on delay testing by Dr. Srinivas Patil and Dr. Sreejit Chakravarty.

Finally we would like to thank the reviewers, the Program Committee members, the Organizing Committee members, and the ATS Steering Committee members for their cooperation. And we also thank to all the authors who submitted their work to ATS 2008, and the program participants for their contribution at the symposium.

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