Message from the General Chairs

We would like to welcome you the International Conference on Artificial Reality and Telexistence, ICAT 2010. The city of Adelaide welcomes you! ICAT has a long and proud history. This is the oldest international conference on Virtual Reality and Telexistence, started in 1991. This is the first year the conference has come "Down Under" to Australia. We are very honored to host this conference in Adelaide. We hope everyone finds the papers during the day simulating and the reunion of old and new friends in the evening enjoyable!

We would like to thank the Virtual Reality Society of Japan and the University of South Australia for their sponsorship and support. Their support was critical in the success of the event. We would like to thank the very large effort of the organization chairs:

Program Co-chair : Mark A. Livingston (Naval Research Laboratory, USA)
Demo Chair : Ross Smith (Univ. South Australia, Australia)
Publication Chair : Steven Zhou (NUS, Singapore)
Registration Chair : Ivan Lee (Univ. South Australia, Australia)
Local Arrangements Chair : Stewart Von Itzstein (Univ. South Australia, Australia)
Web Chair : Makoto Fujisawa (NAIST, Japan)
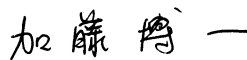Student Volunteer Chair : Thuong Hoang (Univ. South Australia, Australia)

The papers in the proceedings were rigorously reviewed by expert reviewers. This was to keep the quality of the conference to a high standard. The papers were reviewed on technical correctness, originality, theme, and overall writing. The best papers were chosen for oral presentation. The acceptance rate for oral presentation of full papers was about 50%.

The conference this year has papers from a wide range of topics. These topics include: system design, computer graphics, innovative displays, user interaction, wearable computer based systems, tracking, and spatial augmented reality. The program includes twenty four full papers as oral presentation, fourteen papers presented as posters, four late breaking results, and six formal demonstrations.

We are very delighted to have two eminent augmented reality scientists as our keynote speakers this year. Dr. Sean White leads a research team at Nokia Research Center and holds an appointment as a Research Collaborator at Smithsonian Institution. Dr. Tom Drummond is a professor at Monash University, and his research interests include real-time computer vision, visually guided robotics, augmented reality, robust methods and SLAM.

Bruce H. Thomas
University of South Australia

Hirokazu Kato
Nara Institute of Science and Technology