



Pacific-Rim Symposium on Image and Video Technology is a symposia series which serves to provide a forum for presenting and exploring the newest research and development in image and video technology. The symposium will bring together the latest development in both theoretical and practical aspects of image and video technology, artistic and consumer innovations. It invites researchers, artists, developers, educators, performers, and practitioners of image and video technology from the Pacific Rim and around the world.

High quality contributions from prospective authors are solicited in all aspects of image and video technology including, but not limited to:

Graphics, Visualization, and Pervasive Computing

Interaction between graphics and vision, image-based human-computer interaction, image-based virtual reality techniques, 3D video generation and editing, 3D visualization techniques and systems, etc.

Image/Video Coding and Transmission

Image/video compression, error resilient video coding, joint source/channel coding, low-bit-rate video coding, video streaming over wireless/wired networks, etc.

Image/Video Processing and Analysis

Super resolution, image refinement, feature extraction, image segmentation, motion analysis, tracking, etc.

Image/Video Storage, Retrieval, and Authentication

image/video retrieval, face or biometric authentication, etc.

Image/Video Formation, Display, and Hardware

Multispectral or time-of-flight image or video cameras, omni-directional, panoramic, and multi-view camera design, 3D visualization hardware, etc.

Multiview Image/Video Coding and Processing

Stereo and multi-viewpoint image processing, multi-view geometry, omni-directional and panoramic image processing, etc.

Computer Vision Applications

Video surveillance, visual inspections, intelligent transportation systems, SLAM and navigation, medical image analysis, etc.

Scene Recognition and Understanding

Object detection & recognition, event recognition, etc.

All papers will be subject to a double-blind review process which will be carried out by at least two experienced researchers in the field. Accepted and presented papers will be published by IEEE Computer Society Conference Publishing Service in a CDROM proceedings, and will be included in IEEE Xplore and CSDL, and indexed by EI Compendex and ISTP. Selected papers will be invited to submit an extended version to special issues in Journals

Keynote speeches will be delivered by renowned experts in image and video technology at the symposium. Tutorial and Workshop proposals are also invited. Please email to info@psivt.org for more information.

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