



Pacific-Rim Symposium on Image and Video Technology 2009

Tokyo, JAPAN, January 13-16, 2009

Venue: National Center of Sciences 2-1-2 Hitotsubashi, Chiyoda-ku Tokyo, JAPAN

<http://www.psivt.org/>

PSIVT 2009 2nd CALL FOR PAPERS

This symposium will provide a forum for presenting and exploring the newest research and development in image and video technology. The symposium combines a conference with an exhibition (showing the latest products in image and video technology), and offers also tutorials. The symposium will bring together technical issues, theory and practice, artistic and consumer innovations, and invites researchers, artists, developers, educators, performers, and practitioners of image and video technology from the Pacific Rim and around the world.

For further and up-to-date information, please visit the conference website <http://www.psivt.org/>



TOPICS

1. Image Sensors and Multimedia Hardware

Still image or video cameras, panoramic cameras, multi-view camera design, range finders, gaze or eye tracking systems, 3D visualization hardware, high resolution medical imaging, etc.

2. Graphics and Visualization

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.

3. Image and Video Analysis

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

4. Recognition and Retrieval

Object recognition, event recognition, image/video retrieval, face or biometric authentication, etc.

5. Multi-view Imaging and Processing

Stereo and multi-viewpoint image processing, multi-view geometry, camera calibration, panoramic image processing, view morphing, remote sensing and photogrammetry, SAR, etc.

6. Computer Vision Applications

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

7. Video Communications and Networking

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

8. Multimedia Processing

Image and video watermarking, steganalysis, steganography, multimedia content analysis, multimedia feature extraction, etc.

Theme Chairs

- Moshe Ben-Ezra (Microsoft Research Asia, China)
Don Murray (Point Grey Research, Canada)
- Brendan McCane (University of Otago, New Zealand)
Ping Tan (National University of Singapore, Singapore)
- Hidekata Hontani (Nagoya Institute of Technology, Japan)
Chiou-Ting Candy Hsu (National Tsing Hua University, Taiwan)
Sang Wook Lee (Sogang University, Korea)
Yasuyuki Matsushita (Microsoft Research Asia, China)
- Anton van den Hengel (The University of Adelaide, Australia)
Shang-Hong Lai (National Tsing Hua University, Taiwan)
Shuicheng Yan (National University of Singapore, Singapore)
- Hansung Kim (University of Surrey, UK)
Takayuki Okatani (Tohoku University, Japan)
- Chu-Song Chen (Academia Sinica, Taiwan)
Toshio Ueshiba (National Institute of Advanced Industrial Science and Technology, Japan)
Dong Xu (Nanyang Technological University, Singapore)
- Shueng-Han Gary Chan (Hong Kong University of Science and Technology, Hong Kong)
Jiro Katto (Waseda University, Japan)
Jin-Jang Leou (National Chung Cheng University, Taiwan)
- Chil-Woo Lee (Chonnam National University, Korea)
Chia-Wen Lin (National Tsing Hua University, Taiwan)
Tian-Tsong Ng (Institute for Infocomm Research, Singapore)

Paper Submission

The proceedings will be published by Springer-Verlag in the Lecture Notes in Computer Science (LNCS) series. Articles should be prepared according to the LNCS recommendations and templates and they should be at most 12-page long. All papers must be submitted in electronic format as PDF files in our online conference management system before the submission deadline.

To maintain the highest possible standards, all submitted papers will be subject to a double-blind review process which will be carried out by at least three experienced researchers in the field. The review will be rigorous and based on criteria related to the relevance (for the symposium topics), originality, technical correctness, clarity and quality of presentation.

More details on paper submission are available in our web-site.

Journal Issue

A special issue of IPSJ Transactions on Computer Vision and Applications related with PSIVT2009 is planned. Authors of selected papers will be invited to submit extended versions to the special issue.

Important Dates

Submission: August 11, 2008

Notification: September 22, 2008

Camera-ready submission: Beginning of October, 2008

Early-bird registration: Middle of November, 2008

Symposium: January 13-16, 2009

Symposium Organizing Committee

General Chairs

Akihiro Sugimoto (National Institute of Informatics)
Minoru Etoh (NTT DoCoMo)
Domingo Mery (Universidad Catolica de Chile)

Program Chairs

Toshikazu Wada (Wakayama University)
Fay Huang (National Ilan University)
Stephen Lin (Microsoft Research Asia)

Demo/Exhibition Chairs

Hideo Saito (Keio University)
Kazuhiko Sumi (Mitsubishi Electric Corporation)

Workshop/Tutorial Chairs

Rin-ichiro Taniguchi (Kyushu University)
Noboru Babaguchi (Osaka University)

Local Arrangement Chairs

Yoichi Sato (The University of Tokyo)
Imari Sato (National Institute of Informatics)

Finance Chair

Yasushi Yagi (Osaka University)

Publication Chairs

Itaru Kitahara (University of Tsukuba)
Atsushi Shimada (Kyushu University)

Publicity Chairs

Vincent Nozick (Keio University)
Yo-Sung Ho (Gwangju Institute of Science and Technology)

Industrial Liaison Chair

Osamu Yamaguchi (Toshiba Corporation)



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