



# PCS 2010

## 28<sup>th</sup> Picture Coding Symposium

December 7-10, 2010, Nagoya, Japan

Supported by



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## Call for Papers

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**Picture Coding Symposium (PCS)** is an international forum devoted specifically to advancements in visual data coding. PCS is the pioneer and has the longest history in this field. Since 1969, PCS has provided the most exciting meeting place for the visual coding community: industry, research, academia, and users. The 28th PCS will be held in Nagoya, Aichi, JAPAN, on December 7-10, 2010. In line with the tradition of PCS, challenging exploratory contributions are very welcomed.

In addition to the **three day symposium** held on December 8-10, the **one day workshop (WPCIP)** will be held on December 7, which is organized by the 25th Picture Coding Symposium of Japan and the 15th Image Media Processing Symposium (PCSJ/IMPS).

### TOPICS

The 28th PCS especially focuses on

- 3DTV
- FTV (Freeviewpoint Television)
- Beyond H.264/MPEG-4 AVC

Topics of interest include, but are not limited to:

- Coding of still and moving pictures
- Model-based and synthetic coding
- Distributed source coding
- Image and video processing
- Multimodal coding and processing
- Very high-resolution imaging, coding and processing
- Multi-view video processing and coding
- Representation, analysis and coding of 3D scenes
- Virtual/augmented/mixed reality
- Subjective and objective quality assessment metrics and methods
- Joint source and channel coding
- Error robustness, resilience and concealment
- Transcoding and transmoding
- Coding for mobile, IP and sensor networks
- Coding and processing for database applications
- Protection and integrity of visual data
- Implementation architectures and VLSI
- New applications and techniques for visual data processing
- Standards for visual data coding

### PAPER SUBMISSION

Prospective authors are invited to submit extended summaries of no more than four (4) pages for the Symposium or two (2) pages for the Workshop, in English, with font size 11, including results, figures and references. Submissions will be accepted only in PDF format. The online submission system will be available later through the symposium web site.

### IMPORTANT DATES

#### Symposium Paper Submission:

Submission deadline of regular papers:	June 23, 2010.
Notification of acceptance:	September 15, 2010.
Submission deadline of camera-ready papers:	October 8, 2010.

#### Workshop Paper Submission:

Submission deadline of short papers:	October 11, 2010.
Notification of acceptance,	October 18, 2010.

More information will be available on the symposium web site:  
<http://www.pcs2010.org>.