

Picture Coding Symposium 2006

24-26 April 2006, Beijing, China

Organized by: Tsinghua University

Sponsored by: Tsinghua University, Microsoft Research

In cooperation with (technical co-sponsor): IEEE Circuits and Systems Society, IEEE Signal Processing Society

Call for Papers

Picture Coding Symposium (PCS) is an international forum devoted specifically to advancements in visual signal coding. For more than three decades since 1969, PCS has provided the meeting place for the picture coding community: industry, research, academia and users. The 25th PCS will be held in Beijing, China on 24-26 April 2006, after the 15th International Packet Video Workshop that will take place in Hang Zhou, China, on 20-21 April 2006.

Prospective authors are invited to submit an electronic version (using Adobe PDF) of a 1000 word abstract of their paper for review. The authors of accepted papers are requested to submit the final camera-ready manuscript of 4-6 pages that will appear in the symposium proceedings.

Topics of interest for submissions include, but are not limited to:

- ◆ Coding for still and moving pictures
- ◆ Modeling and synthetic coding
- ◆ Virtual/Augmented Reality and Telepresence
- ◆ Coding for Sensor Networks
- ◆ High fidelity picture coding
- ◆ Subjective and objective quality metrics
- ◆ Coding for multiview and 3D moving picture
- ◆ Coding for mobile and IP networks
- ◆ Error protection and resilience
- ◆ Scalable video coding
- ◆ Content-based coding
- ◆ Joint video-audio processing and coding
- ◆ VLSI Implementation architectures
- ◆ New techniques for visual signal coding

Special sessions: Proposals can be sent to Yao Wang, Polytechnic University, NY, yao@poly.edu

General Co-Chair: Yun He, Dept. of Electronic Eng. Tsinghua University, Beijing, 100084 China
Joern Ostermann, Dept. of Electrical Engineering and Computer Science, U. of Hannover, Germany

International Steering Committee:

Kiyohara Aizawa, U. of Tokyo, Tokyo	Thomas Huang, U. of Illinois, Urbana, IL	Masayuki Tanimoto, Nagoya U., Japan
Ralf Algazi, U. of CA, Davis, CA	Claude Labit, IRISA, France	A.Murat Tekalp, U. of Rochester, Rochester, NY
Tsuhan Chen, Carnegie Mellon U., Pittsburgh, PA	Sang Uk Lee, Seoul National U., Korea	Mihaela van der Schaar, U. of CA, LA, USA
Magda El Zarki, U. of CA, Irvine, CA	Henrique Malvar, MS Research, Redmond, WA	Yao Wang, Polytechnic U., New York, NY
Pascal Frossard, EPFL, Switzerland	Joern Ostermann, U. of Hannover, Germany	John Woods, RPI, Troy, NY
Mohammed Ghanbari, U. of Essex, UK	Fernando Pereira, IST/UTL, Portugal	Hiroshi Yasuda, U. of Tokyo, Japan
Bernd Girod, Stanford U., Stanford, CA	Ralf Schaefer, Heinrich-Hertz Institut, Germany	Ya-Qin Zhang, MS Research, Redmond
Yun He, Tsinghua, U., Beijing	Ali Tabatabai, Sony, San Jose, CA	

Program Committee: Co-Chair: Tsuhan Chen, Masayuki Tanimoto

Kiyohara Aizawa, U. of Tokyo, Japan	R.L. Lagendijk, Delft U., The Netherlands	Ming-Ting Sun, Washington U., Seattle, WA
Oscar Au, UST, HK	Sang Uk Lee, Seoul National U., Korea	Ali Tabatabai, Sony, San Jose, CA
Jan Biemond, Delft U., The Netherlands	Haibo Li, UMEA U., Sweden	Masayuki Tanimoto, Nagoya U., Japan
Tsuhan Chen, Carnegie Mellon U., Pittsburgh, PA	Jiang Li, Microsoft Research, Beijing	Deepak Turaga, IBM Watson R., Hawthorne, NY
Zhibo Chen, Thomson R&D Center, Beijing	Jin Li, MS Research, Redmond, WA	Mihaela van der Schaar, U. of CA, LA, CA
Tihao Chiang, National Chiao-Tung U., Hsinchu	Shipeng Li, MS Research, Beijing	Anthony Vetro, MERL, Boston, MA
Qiong Hai Dai, Tsinghua U., Beijing	Xing Gang Lin, Tsinghua U., Beijing	Yao Wang, Polytechnic U., New York, NY
Pascal Frossard, EPFL, Switzerland	Nam Ling, Santa Clara U., Santa Clara, CA	Jiangtao Wen, Mobilygen Corp., Santa Clara, CA
Bernd Girod, Stanford U., Stanford, CA	Kai-Kuang Ma, NTU, Singapore	Feng Wu, MS Research, Beijing
Hsueh-Ming Hang, N. Chiao-Tung U., Hsinchu	Henrique Malvar, MS Research, Redmond, WA	Mengxia Xu, Peking U., Beijing
Seiichiro Hangai, Science U. of Tokyo, Japan	King Ngan, Chinese U., Hong Kong	Qingdong Yao, Zhejiang U., Hangzhou
Yun He, Tsinghua U., Beijing	Jens-Rainer Ohm, Aachen U., Germany	Yoshiyuki Yashima, NTT, Japan
Yo-Sung Ho, GIST, Korea	Joern Ostermann, U. of Hannover, Germany	Songyu Yu, Jiaotong U., Shanghai
Sun-Yuan Kung, Princeton U., Princeton, NJ	Fernando Pereira, IST/UTL, Portugal	Chuntian Zhang, Tianjing U., Tianjing
C. C. Jay Kuo, USC, Los Angeles, CA	Jong Beom Ra, KAIST, Korea	Xu Dong Zhang, Tsinghua U., Beijing
Claude Labit, IRISA, France	Takahiro Saito, Kanagawa U., Japan	Ce Zhu, Nanyang Tech. U., Singapore
	Ralf Schaefer, Heinrich-Hertz Institut, Germany	

Special Sessions Chair: Yao Wang

Publication Chair: Sang Uk Lee, Jianwen Chen

Financial Chair: Qiong Hai Dai

Local Committee: Yun He, Ya-Qin Zhang, Shipeng Li, Qiong Hai Dai, Ling Zhu

Important Dates:

- November 21st, 2005** Proposal for special session due including committed authors and paper titles and abstracts
- December 1st, 2005** Submit abstracts (1000 words in addition to references, author names, affiliations, email address)
- January 1st, 2006** Notice of acceptance
- February 15th, 2006** Submit manuscripts (4-6 pages, electronic submission of paper and videos)

Additional information regarding abstract/paper submission, registration, hotel reservation, and venue, as well as planned plenary speakers etc. will be announced on the PCS 2006 web site (<http://www.PCS2006.org>).