

# PICTURE CODING SYMPOSIUM 2019

## November 12-15, Ningbo, China

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The Picture Coding Symposium (PCS) is an international forum devoted to advances in visual data coding. PCS is the pioneer conference in image and video coding, and has the longest history since its establishment in 1969.

The 34th PCS will convene in Ningbo, China. Renowned as “The library records the history, the port reached the world”, Ningbo is famed for its rich culture and port of global influence. Ningbo has a history of over 7000 years and Tianyige Library is the oldest private library extant in China. Ningbo is also a land of culture and history with well-developed economy featuring port-related industries, manufacturing, textile, and high-tech industries.

### TOPICS

Topics of interest include, but are not limited to:

- Coding of still and moving pictures
- Model-based and synthetic coding
- Machine learning for image and video compression
- Virtual, augmented and mixed reality
- 360-degree and multi-view video processing and coding
- Subjective and objective quality assessment
- Visual big data processing in the cloud
- Coding for mobile, IP and sensor networks
- Standards for visual data coding
- Image coding for novel camera architectures
- Distributed source coding
- Joint source and channel coding
- Transcoding and transmoding
- Scalable image and video coding
- Coding and processing for database applications
- Multimodal coding and processing
- Representation, analysis and coding of 3D scenes
- Very high-resolution imaging, coding and processing
- Error robustness, resilience and concealment
- Protection and integrity of visual data
- Hardware-oriented implementation architectures
- New applications and techniques for visual data processing
- Coding for machine intelligence

### PAPER SUBMISSION

Prospective authors are invited to submit papers for the Symposium, in English, with a maximum length of five (5) pages and font size of 10 pt, including results, figures and references. Submissions will be accepted only in PDF format. Online submission will be available through the symposium web site. We will be submitting the proceedings for publication to IEEE Xplore and EI indexed.

### IMPORTANT DATES

Special Session Proposal:

Notification of Special Session Acceptance:

Paper Submission:

Notification of Paper Acceptance:

Submission of camera-ready papers (5 pages):

April 05 ~~March 21~~, 2019

April 15, 2019

June 30 ~~Jun 15~~, 2019

August 15, 2019

September 01, 2019

### Website

[www.pcs2019.org](http://www.pcs2019.org)

Hosted by Ningbo Institute of Technology, Zhejiang University

