



# PCS 2024

## PICTURE CODING SYMPOSIUM

JUNE 12-14, 2024 · TAICHUNG, TAIWAN

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Jörn Ostermann, Leibniz Universität Hannover

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### Panel Chairs

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Christian Timmerer, Universität of Klagenfurt

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### Local Arrangement Chairs

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## CALL FOR PAPERS

The Picture Coding Symposium (PCS) is an international forum devoted to advances in visual data coding. Established in 1969, it has the longest history of any conference in this area. The 37th event in the series, PCS 2024, will convene in Taichung, Taiwan. Taichung is centrally located in the western half of Taiwan. It is known as an art and cultural hub of Taiwan, being home to many national museums, historic attractions, art installations, and design boutiques.

## TOPICS

PCS 2024 invites you to submit work that pushes the boundaries of visual data coding. The following list contains some examples, but it is not an exhaustive list:

- Image and video coding
- Model-based and synthetic coding
- Screen content coding
- Multimodal coding and processing
- Learning-based image and video coding
- Learning-assisted image and video coding
- Image and video coding for machines
- Multi-task image and video coding
- Compressed-domain image/video analysis
- Datasets for learning-based visual data coding and analysis
- Virtual, augmented, and mixed reality coding
- 360° & multi-view video processing and coding
- Point cloud processing and coding
- Light field processing and coding
- Immersive and volumetric video coding
- Representation and analysis of immersive and volumetric scenes
- Emerging standards for visual data coding
- Objective and subjective quality assessment
- Transcoding and adaptive streaming
- Optimized streaming for coded visual data
- Real-time video communications
- Error robustness, resilience and concealment
- Low complexity video coding
- Network-, edge- and cloud-based coding
- Energy management in visual data coding
- Circuits and systems for visual data processing and coding
- Protection and integrity of visual data

## PAPER SUBMISSION

Prospective authors are invited to submit papers for the Symposium, in English, using the template provided, with a font size of 10 pt and maximum length of five (5) pages including all results, figures and references. Submissions will be accepted only in PDF format. Online submission will be available through the symposium web site (<https://2024.picturecodingsymposium.org/>). We will be submitting the proceedings for publication to IEEEXplore, Scopus and EI indexed.

## IMPORTANT DATES

Submission of Special Session Proposals:	October 9, 2023
Notification of Special Session Acceptance:	October 23, 2023
Regular/Special Session Paper Submission:	November 20, 2023
Notification of Paper Acceptance:	February 5, 2024
Submission of Camera-Ready Papers:	February 19, 2024

<https://2024.picturecodingsymposium.org/>