

IEEE VCIP2024

2024 IEEE International Conference on Visual Communications and Image Processing

Tokyo, Japan
December 8-11, 2024

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Visual Communication and Image Processing Technologies for Metaverse

VCIP 2024 will cover new technology frontiers and new use cases, in the visual signal processing and communication areas, to discuss and envision the future of both technology and applications. VCIP 2024 inherits the tradition of previous conferences in providing a fertile ground for researchers, engineers and professionals from academia and industry around the world. The program will feature lecture, poster and plenary sessions, as well as special sessions, demo sessions, and tutorials.

TOPICS

Topics of interest include, but are not limited to:

- Emerging Techniques for Next Generation Video/Image Coding;
- Point Cloud Capture and Compression;
- Compression for Machine Vision;
- Image/Video Security and Privacy;
- Advanced Techniques for Emerging Stereo and Multi-view Videos;
- 3D reconstruction from monocular views;
- Visual Communications;
- Visual Processing Embedded Systems and Architecture Implementations;
- Cloud Multimedia Systems, Applications and Services;
- Multimedia Content Analysis, Representation, and Understanding;
- Machine learning for Multimedia;
- Multimedia and Multimodal User Interfaces and Interaction Models;
- Multimedia Networking, Multimedia Traffic Management;
- Efficient and Massively Scalable Multimedia Service Distribution, Multimedia;
- Delivery, Multimedia Broadcasting;
- Mobile Multimedia, Wireless Multimedia Communications;
- Low Delay and Multipath Video Communication over 5G networks;
- Emerging applications leveraging 5G networks.

PAPER SUBMISSION

Prospective authors should submit full-length papers (4 pages + 1 optional page for references only) in the two-column IEEE format available at the VCIP 2024 website. Paper submission implies the intent of at least one of the authors to register and present the paper live (not remotely) if accepted. VCIP reviewing is double-blind (do not provide information and links to websites that may identify the authors in the paper). High-quality papers will be recommended to IEEE Trans. CSVT for journal extension.

IMPORTANT DATES

Submission of Special Session Proposals	May 17, 2024
Submission of Tutorial Proposals	May 24, 2024
Acceptance Notification of Special Session Proposals	May 27, 2024
Acceptance Notification of Tutorial Proposals	June 3, 2024
Submission of Papers for Regular, Demo and Special Sessions	June 28, 2024
Paper Acceptance Notification	Aug 30, 2024
Submission of Camera-Ready Papers and Registration	Sep 27, 2024

SUPPORTED BY / IN COOPERATION WITH

IEEE Circuits and Systems Society (CASS)
IEEE CASS Visual Signal Processing and Communications Technical Committee
IEEE Japan Council
The Institute of Electronics, Information and Communication Engineers (IEICE)
The Institute of Image Information and Television Engineers (ITE)
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WEBSITE: <https://www.vcip2024.org>

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