

# IEEE VCIP2023

2023 IEEE International Conference on Visual Communications and Image Processing

Jeju, Korea  
December 4~7, 2023

<http://www.vcip2023.org>

## General Chairs

**Byeungwoo Jeon** (Sungkyunkwan University)  
**Nam Ling** (Santa Clara University)  
**Fernando Pereira** (Instituto Superior Técnico)

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## AI-powered Visual Communications and Image Processing Toward Industry and Services

VCIP 2023 will bring together leading experts from academia and industry interested in visual communication and processing for all types of visual modalities. The program will feature lecture, poster and plenary sessions, as well as special sessions, demo sessions, and tutorials.

## TOPICS in VCIP2023 (will cover but not be limited to the following)

### Visual Coding (Image, Video, Graphics, Mesh, Neural Representations)

Visual Coding for Human  
Video Coding for Machines  
Neural Network-based Visual Coding  
Optimization Techniques for Visual Coding

### Visual Information Generation, Processing and Understanding

Image and Video Processing, Restoration, and Enhancement  
Deep Learning-based Visual Signal Processing  
Generative AI Techniques for Image and Video  
Analysis, Representation, and Understanding

### Visual Communications and Performance Evaluation

Visual Communications for Emerging Multimedia Applications  
Subjective and Objective Quality  
Quality of Experience  
Immersive Experience

### Systems/Architecture, Applications and Services

Image/Video Security and Privacy  
Multimodal User Interfaces and Interaction Models  
Deep Learning Systems for Image/Video Services  
Cloud Multimedia Systems and Applications  
Visual Applications for Robots, Drones, and Vehicles

## 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 2023 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

Proposals for Tutorials, Special Sessions, Demo Sessions and Panels	May 30, 2023
Notification of Acceptance for Tutorials, Special Sessions, Demo Sessions and Panels	June 9, 2023
Submission of Papers for Regular, Demo, and Special Sessions	<del>June 28, 2023</del> → <b>August 14, 2023</b>
Notification of Acceptance Papers for Regular, Demo, and Special Sessions	<del>Sept 9, 2023</del> → <b>Sept 22, 2023</b>
Submission of Final Camera-ready Papers & Registration	<del>Oct 6, 2023</del> → <b>Oct 10, 2023</b>

## Sponsored by

IEEE Circuits and Systems Society (CASS), IEEE CASS Visual Signal Processing and Communications Technical Committee

## Organized by

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