

December 13-16, 2022, Suzhou

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General Chairs

Philip Ogunbona, University of Wollongong, Australia

Xilin Chen, Chinese Academy of Sciences, China

Zicheng Liu, Microsoft, USA

Program Chairs

Jiwen Lu, Tsinghua University, China

Jingjing Meng, University at Buffalo, SUNY, USA

Mathias Wien, RWTH Aachen University, Germany

Zhu Li, University of Missouri - Kansas City, USA

Tutorial Chairs

Ruiping Wang, Chinese Academy of Sciences, China

Wei Hu, Peking University, China

Grand Challenge Chairs

Dong Liu, University of Science and Technology of China, China

Shan Liu, Tencent America, US

Panel Chairs

Hong Cheng, University of Electronic Science and Technology of China, China

Yong Man Ro, KAIST, Korea

Special Session Chairs

Dan Grois, Comcast, USA

Petia Radeva, University of Barcelona, Spain

Demo Chairs

Li Li, University of Science and Technology of China, China

Zhou Ren, Wormpex AI Research, USA

Paper award chairs

Mingli Song, Zhejiang University, China

Wenjun Zeng, MSRA, China

Plenary session chairs

Eborul Izquierdo, Queen Mary University of London, UK

Junsong Yuan, University at Buffalo, SUNY, USA

Registration chairs

Jiaying Liu, Peking University, China

Yi-Ling Xu, Shanghai Jiao Tong University, China

Publicity Chairs

Erickson Nascimento, Federal University of Minas Gerais, Brazil

Ivan Bajic, Simon Fraser University, Canada

Marta Mrak, BBC, UK

Finance Chairs

Ying Li, PepsiCo CHQ, USA

Industry Chairs

Ioannis Katsavounidis, Facebook, USA

Ning Xu, Kwii, USA

Yekui Wang, Bytedance, USA

Publication Chairs

Xinfeng Zhang, University of Chinese Academic of Sciences, China

Local Arrangement Chairs

Jianyu Yang, Soochow University, China

Weiyao Lin, Shanghai Jiao Tong University, China

Sponsorship Chairs

Rameswar Panda, IBM, USA

Zhanyu Ma, Beijing University of Posts and Telecommunications, China

The Visual Communications and Image Processing (VCIP) Conference, sponsored by the IEEE Circuits and Systems Society, will be held in Suzhou, China, during December 13 – 16, 2022. IEEE International Conference on Visual Communications and Image Processing (VCIP) is the oldest conference in the field and one of the flagship conferences of the IEEE CAS Visual Signal Processing and Communications. Since 1986, VCIP has a long tradition in showcasing pioneering technologies in visual communication and processing, and many landmark papers first appeared in VCIP. We will carry on this tradition of VCIP in disseminating the state of art of visual communication technology, brainstorming and envisioning the future of visual communication technology and applications. **The theme of VCIP 2022 will be new media**, including VR, point cloud capture and playback, and new visual processing tools including deep learning for intelligence distilling in visual information pre- and post-processing such as de-blurring, super resolution, 3D understanding, and content based image enhancement.

- 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 of 4 pages in two column IEEE format, including author affiliation and address, figures, tables and references, to the paper submission website. Only electronic submissions written in English are accepted. Paper submission implies the intent of at least one of the authors to register and present the paper, if accepted.

Tutorial and Special Sessions: The Organizing Committee of VCIP 2022 invites proposals and special sessions as a part of the main conference program. Selected tutorial will be held on the first day of the conference (December 13). Tutorials addressing topics of relevance to the conference and interest to the broader visual communications and image processing community are encouraged. Special sessions are intended to provide a sample of the state-of-the-art, and also to highlight important emerging research directions in fields of particular interests to the VCIP participants. It should be a focused effort rather than broadly defined.

Important Dates:

Submission of Tutorial and Special Session Proposals	28 March 2022
Acceptance notification of Tutorial and Special Sessions	11 April 2022
Submission of Papers for Regular, Demo and Special Sessions	9 May 2022
Notification of Paper Acceptance	15 Aug 2022
Submission of Camera Ready Papers and Registration	5 Sept 2022
Conference	13-16 Dec 2022

