

# ASIG

Website: [asig.net](http://asig.net)

# 2023

It is with great pleasure that we welcome you to the **Asia Symposium on Image and Graphics (ASIG 2023)**, to be held during **December 22-24, 2023** in the beautiful city of **Shanghai, China**. ASIG 2023 is organized by East China Normal University, China.

The advancements in computer vision, machine learning, and other related fields have led to an explosion of new techniques, tools, and applications for image and graphics processing. From deep learning-based image recognition to generative adversarial networks (GANs) for image synthesis, the possibilities are endless.

## Call For Papers

### Track 1. Image and Video Analysis:

This track invites submissions on topics related to image and video analysis, including but not limited to image segmentation, object detection, tracking, recognition, and retrieval; video processing, analysis, and summarization; motion analysis and estimation; and deep learning-based approaches for image and video analysis.

### Track 2. Computer Vision:

This track focuses on the latest developments in computer vision, including but not limited to 3D vision, stereo and multi-view vision, visual odometry, structure from motion, and visual SLAM; computational photography; and image and video-based rendering.

### Track 3. Pattern Recognition:

This track welcomes submissions on various topics related to pattern recognition, including but not limited to pattern classification and clustering, feature extraction, dimensionality reduction, and ensemble methods.

### Track 4. Graphics, Visualization, and Virtual Reality:

This track invites papers on a wide range of topics related to graphics, visualization, and virtual reality, including but not limited to computer graphics, virtual reality, augmented reality, haptic rendering, medical visualization, and information visualization.

### Track 5. Applications:

This track focuses on the practical applications of image and graphics techniques in various fields, including but not limited to biometrics, security, robotics, autonomous vehicles, healthcare, entertainment, and education.

## Conference Proceedings

Submitted papers will be peer reviewed by conference committees, and accepted papers after proper registration and presentation will be published in the Conference Proceedings.

## Conference Venue

East China Normal University (ECNU) is a comprehensive public research university in Shanghai. It was formed in 1951 by the merger of the Great China University founded in 1924 and Kwang Hua University (est. 1925) which had its ultimate origins in the St. John's College established in the city in 1879.

ECNU is now organized into more than 22 schools, colleges, and institutes, located in two campuses throughout Minhang and Putuo. ECNU is a Chinese Ministry of Education Class A Double First Class University. It is often considered to be one of the most prestigious universities in China and is internationally recognized, as evidenced by its partnerships with institutions around the world. Sponsored by the national program "Project 211" and "Project 985", the university is a frontrunner in the nation's research and innovation, and has been dubbed as the "Columbia of the East". The university also has strong ties with the China Meteorological Administration, State Oceanic Administration and the Chinese Academy of Sciences.

## Organizing Committee

### Honorary Chairs

Prof. Junhao Chu, East China Normal University, China  
Prof. Pengfei Shi, Shanghai Jiaotong University, China

### General Chairs

Prof. Qingli Li, East China Normal University, China  
Prof. Lubov B. Mitrofanova, Almazov National Medical Research Centre, Russia

### Conference Co-chairs

Prof. Yan Wang, East China Normal University, China  
Prof. Gexiang Zhang, Chengdu University of Technology, China

### Organizing Chair

Prof. Yue Dai, East China Normal University, China  
Prof. Zhaoxia Yin, East China Normal University, China

### Program Chairs

Prof. Yu-Dong Zhang, University of Leicester, UK  
Prof. Hui Yuan, Shandong University, China  
Prof. Lin Huang, Metropolitan State University of Denver, USA

### Program Co-chairs

Assoc. Prof. Wei Shen, Shanghai Jiaotong University, China  
Prof. Maxim S. Vonsky, D.I. Mendeleev Institute for Metrology, Russia

### Publicity Chair

Prof. Dongyue Chen, Northeastern University, China

### Area Chairs

Prof. Smain Femmam, UHA University, France  
Assoc. Prof. Yan Pang, Guangzhou University, China

## Submission Guidelines

### • Submission Requirements

#### >> Language

English is the official language of the conference; the paper should be written and presented only in English.

#### >> Submission Type

- Abstract submission (200-400 words) for presentation only without publication.
- Full paper (at least 8 full pages, in the 1-column format) submission for both presentation and publication. Any paper of more than 10 pages will be charged for pages exceeding the limit.

>> Papers submitted to the conference should report original, previously unpublished research results, experiments or theories and must not be under consideration for publication elsewhere.

### • Submission Process

- 1). Please format your paper according the Paper Temple (**Full Paper/Abstract**) before submission. Or it may be returned to you for revision.
- 2). Submit your paper to **Online Submission System** or **[asig\\_contact@163.com](mailto:asig_contact@163.com)**.
- 3). The conference secretary (**[asig\\_contact@163.com](mailto:asig_contact@163.com)**) will contact you within three working days once receiving your submission.

### • Important Dates

**Submission Deadline: November 15, 2023**

Notification Deadline: November 30, 2023

Registration Deadline: December 5, 2023

## Contact us

Miss Chloe Jiang

Email: [asig\\_contact@163.com](mailto:asig_contact@163.com)

Tel: +86-19180927671

WeChat: csit2009

Office Time: 9:30-18:00, Monday to Friday (UTC+8 Time Zone)