

CALL FOR PAPERS

The 2027 IEEE International Conference on Image Processing (ICIP) will take place in Singapore, a hub fostering a world of innovation, discovery, and collaboration. It is a flagship conference of the IEEE Signal Processing Society, explores the latest technical innovations in image processing and covers cutting-edge topics involving computer vision and machine learning.

Authors are encouraged to take note of the new conference initiatives, below, when preparing submissions.

- Options to submit longer in-depth papers - submission of ICIP papers of up to eight pages + one page for references to the Open Journal of Signal Processing, and presentation options for previously accepted journal papers
- Spotlight Oral Sessions highlighting top papers with exceptional novelty and/or maturity
- Top accepted papers with exceptional maturity and/or novelty as determined by the program committee, will be invited to submit extended versions of their papers for expedited review in other select SPS journals
- Rigorous review process using double-anonymous review and an author rebuttal period

The ICIP program will feature insightful short courses and tutorials, engaging exhibits and demonstrations, and workshops by leading tech companies, as well as career development opportunities and networking events for practicing engineers, to aspire students and young entrepreneurs.

ICIP 2027 offers several ways for authors toward their latest research outcomes:

1. **Submit a conference paper** - Up to five (5) pages for technical content and one (1) optional sixth page containing only references. Accepted papers will be included in the IEEE Xplore® digital library. Top papers will be highlighted in Spotlight Oral Sessions. Some top accepted papers with exceptional maturity and/or novelty as determined by the program committee, will be invited to submit extended versions of their papers for expedited review in select SPS journals.
2. **Submit a journal paper to the IEEE Open Journal of Signal Processing (OJ-SP)** - Submit a “short paper” (up to eight (8) pages of technical content and one (1) page for references) for publication in the IEEE Open Journal of Signal Processing (OJ-SP), the open-access journal of the SPS, instead of in the conference proceedings. Papers submitted to OJ-SP prior to the advertised submission deadline that are designated as being intended for presentation at the conference will receive expedited review to ensure that a decision is available in time for inclusion in the conference program. The article processing charge (APC) for open access publication is paid after acceptance.
3. **Submit one-page abstracts** – One-page abstracts submitted to the conference paper management system and presented at the conference as part of the Work-in-Progress track. Option to present a demo at the Show & Tell session and published in the ICIP 2027 proceedings.
4. **Present an accepted or published SPS journal paper** - Authors who have published a paper in an eligible journal within the last year may submit an SPS Journal Paper Presentation Request to present the paper at the conference. See eligibility requirements on the ICIP 2027 website.

Organizing Committee
General Chairs: Weisi Lin, Alan Bovik, Wenwu Zhu
Finance Chair: Yan Wu
Technical Program Chairs: Zhengguo Li, Pina Marziliano, Yuming Fang, Dacheng Tao

VISIT: **2027.IEEEICIP.ORG** FOR MORE DETAILS

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TOPICS OF INTEREST
included, but not limited to:

- Sensing, Representation, Modeling, & Registration
- Synthesis, Rendering, & Visualization
- Texture Image Representation & Classification
- Computational Imaging
- Restoration & Enhancement
- Filtering & Multi-resolution Processing
- Compression, Coding, & Transmission
- Color, Multi-spectral, & Hyper-spectral Imaging
- Image & Video Interpretation & Understanding
- Document Analysis & Processing
- Stereoscopic, Multi-view, & 3D Processing
- Image & Video Quality Models
- Motion Estimation, Registration, & Fusion
- Deep Learning for Images & Videos
- Compression of Large Neural Networks
- Learning with Limited Labels
- Image & Video Analysis
- Detection, Recognition, Retrieval, & Classification
- Biometrics, Forensics, & Security
- Image Processing for Public Health & Safety
- Biomedical & Biological Image Processing
- Trustworthy AI
- Explainable AI

IMPORTANT DATES

Special Session Proposal Deadline	24 February 2027
Special Session Proposal Acceptance Notification	19 March 2027
Tutorial, Short Course, ETON talk & Grand Challenge Proposal Deadline	24 February 2027
Regular & Special Session Paper Submission Deadline (6 pages Inclusive)	31 March 2027
Open Journal of Signal Processing Paper Submission Deadline (9 Pages)	31 March 2027
Satellite Workshop Proposals Deadline	14 April 2027
Notification of Satellite Workshop Acceptance	23 April 2027
Tutorial, Short Course, ETON talk & Grand Challenge Acceptance Notification	9 April 2027
Reviews Made Available to Authors	25 June 2027
Author Rebuttal Deadline	7 July 2027
Regular Paper Acceptance Notification (6 pages)	6 August 2027
Journal Track Paper Acceptance Notification (9 pages)	6 August 2027
Satellite Workshop Paper Submission Deadline	11 August 2027
Journal Presentation Request Deadline	11 August 2027
Final Regular Paper Submission Deadline	11 August 2027
Grand Challenge Paper Submission	11 August 2027
Industry Demo First Round Abstract Submission Deadline	11 August 2027
Journal Paper Presentation Request Notification	20 August 2027
Industry Demo First Round Abstract Notification of Acceptance	27 August 2027
Regular Paper and Journal Paper Registration Deadline	25 August 2027
Satellite Workshop Paper Acceptance Notification	27 August 2027
Grand Challenge Paper Acceptance Notification	8 September 2027
Industry Demo Second Round Video Submission Deadline	8 September 2027
Satellite Workshop Final Paper Submission Deadline	15 September 2027
Grand Challenge Final Paper Submission Deadline	15 September 2027
Final Industry Demo Notification of Acceptance/Rejection	15 September 2027
Grand Challenge, Satellite Workshop, and Demo Author Registration Deadline	29 September 2027

- AI-Powered Image & Video Processing
- Emerging Applications & Systems
- Green Visual Computing
- Datasets and Benchmarks

All inquiries should be sent via e-mail to

spsummit@cma.sg

https://2027.ieeeicip.org/call-for-papers/

