



APSIPA

ASIA PACIFIC SIGNAL AND INFORMATION PROCESSING ASSOCIATION

NEWSLETTER

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<http://www.apsipa.org/>

Greeting from the Editorial Office

WELCOME to the 45th issue of the APSIPA Newsletter! Beginning with this issue, I have the privilege of serving as Editor-in-Chief, together with Vicky as our Vice Editor-in-Chief. We're excited to work with you and warmly welcome your comments and contributions at any time.

Our flagship event, the 17th APSIPA ASC, will take place in Singapore this October, just after *Deepavali*. While you're there, consider a stroll through Little India to enjoy Singapore's multicultural spirit—and, of course, take the chance to reconnect with old friends and meet new ones at the conference.

Thank you for reading, and I hope you enjoy this issue!

Yuichi Tanaka
EiC of the APSIPA Newsletter



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Call for Participation in the APSIPA ASC25 in Singapore!

Woon-Seng Gan, Haizhou Li, and Hitoshi Kiya (General Chairs of APSIPA ASC 2025)



22nd -24th Oct. 2025

THIS year marks the 17th anniversary of the APSIPA Annual Summit and Conference (ASC), and we are pleased to present a dynamic lineup of programs and activities for all participants. Among the new highlights are the following spotlight events:

- **Three Distinguished Keynote Speakers** representing Canada, Germany, and China, delivering insights at the forefront of signal and information processing.
- **Four Perspective and Panel Sessions** addressing timely topics such as Voice Privacy and Security, Utilization of Foundation Models, and Neural Speech Assessment.
- **Inaugural Active Noise Control Workshop**, commemorating nine decades of ANC innovation.
- **Four In-Depth Tutorials** covering End-to-End Learned Image and Video Coding, Advanced Deep Speaker Modeling, From Detection to Direction, and Adaptive Sensor Networks for Digital Health.
- **29 Special Sessions** showcasing cutting-edge research and emerging trends across diverse areas of signal and information processing.
- **Inaugural APSIPA Three Minute Thesis (3MT) Competition**, highlighting concise and compelling research communication by Master/PhD students.
- **First Grand Challenge on City- and Time-Aware Semi-Supervised Acoustic Scene Classification**, promoting innovation in real-world urban acoustic understanding.
- For the first time, we welcome presentations of journal papers accepted between Jan 2024–July 2025 from **APSIPA Transactions, IEEE SPS, and IEICE journals**, as well as 2-page **late-breaking reports** on early-stage ideas, ongoing work, or recent industry developments.
- **Founder Forum**: Meet APSIPA's founders and past presidents as they share their vision and the journey to making **APSIPA your professional home—close to home**.



To date, over eight industry sponsors—including Emerson/NI, Analog Devices, LightSpeed Studios, Google, NTU, Shokz, Springer, XunSheng, and others—have confirmed their participation in APSIPA ASC 2025.

The organizing committee members are currently working hard to bring you more activities, which include

- **Educational Forum:** Signal Processing Education in the Era of AI
- **Industry Forum, Industry Keynotes and Hands-on Workshops**, offering students valuable opportunities to engage with industry experts in AI and high speed data acquisition, and gain practical experience through interactive sessions.
- **Autumn School @ NUS:** All registered students will have the opportunity to attend seminars conducted by experts in AI from universities and industry.
- **Women in APSIPA Forum**

And many more to come...

Tentative Program for APSIPA ASC 2025

Date	Activities
21st Oct. 2025 (Tue)	• Autumn school @ National University of Singapore (whole day)
22nd Oct. 2025 (Wed)	AM • Registration Start • Tutorials and Industry Workshop • Welcome Lunch PM • Opening Ceremony/Award/Keynote Speaker #1 • Technical Sessions
23rd Oct. 2025 (Thu)	AM • Keynote Speaker #2/Perspective & Panel/Technical Sessions • ANC Workshop • Lunch in parallel with TCs Meeting/Women in APSIPA Forum PM • Perspective & Panel/Technical Sessions/Grand Challenge • ANC Workshop • Banquet (Night)
24th Oct. 2025 (Fri)	AM • Keynote Speaker #3/Perspective & Panel/Technical Sessions • Lunch in parallel with APSIPA Editorial Meeting/APSIPA Chapters Meeting PM • Technical Sessions • Founder Forum • Best Paper Awards /Closing Ceremony



For students, the APSIPA ASC offers a golden opportunity to connect with mentors from across the Asia-Pacific region and to form lasting friendships with peers. For researchers and academics, it serves as a premier annual gathering to foster meaningful collaborations and renew professional ties. For industry participants, the ASC provides a vibrant platform to engage with cutting-edge research, discover emerging technologies, and explore collaboration opportunities with leading scholars and future talents in signal and information processing.

ASC is your gateway to meaningful exchanges, lifelong connections, and a shared commitment to advancing signal and information processing across the Asia-Pacific region.

We invite you to join us at the APSIPAASC, where you can reconnect with old friends, build new partnerships, and be part of a warm, inclusive community that values both academic excellence and professional camaraderie.

So mark the date and the registration information is available in <https://www.apsipa2025.org/wp/>.

See you all in Singapore!



Opportunities and Events on APSIPA

Bonnie Law (VP - Conferences)

GREETINGS! I hope each of you is enjoying a wonderful summer break! APSIPA has organized its annual summit and conference (ASC) across diverse countries and regions, including Auckland, Cambodia, Chiangmai, Hawaii, Hong Kong, Jeju, Kaohsiung, Kuala Lumpur, Lanzhou, Los Angeles, Macau, Siem Reap, Sapporo, Singapore, Taipei, Tokyo, and Xi'an. This year, the ASC returns to Singapore in October 2025, marking the second time in this vibrant country.

Are you interested in hosting APSIPA ASC 2028 in your very own region? We extend a warm invitation to you to consider this opportunity and submit your proposal by August 20, 2025. Notably, selected proposing teams will have the chance to showcase their proposals in person at APSIPA ASC 2025 in Singapore.

As our journey with APSIPA continues, we have had the pleasure of establishing new connections with colleagues from various regions, enriching the APSIPA family. On 26 July 2025, the 4th APSIPA Workshop on Signal and Information Processing took place at the Industrial University of Ho Chi Minh City in Vietnam (<https://confs.iuh.edu.vn/apsipa>). This event provided an invaluable platform for experts, scholars, and students to exchange research insights and foster networking opportunities. Additionally, we had the pleasure of visiting Van Lang University to promote APSIPA and foster collaborative activities.

While you eagerly prepare for APSIPA ASC 2025 in Singapore, you may want to know about the APSIPA Travel Grant scheme, which was introduced last year. This scheme is designed to provide financial assistance to participants from ASEAN countries (excluding Singapore), Bangladesh, and India attending APSIPA ASC. Stay tuned for further details on the APSIPA ASC 2025 website. We encourage eligible participants to seize this opportunity and submit applications for the APSIPA ASC Travel Grant.

May the rest of your summer break be filled with joy and relaxation. I look forward to meeting each of you at APSIPA ASC 2025 in Singapore this October.



Photos on the events in Vietnam.

Signing of MoU between APSIPA and the Institute of Electronic and Information Engineers (IEIE, Korea)

Woon-Seng Gan (President)

ON 8th July 2025, APSIPA signed an MoU with IEIE, Korea. This Agreement aims to promote mutual cooperation, facilitate the exchange of technical information, and support jointly sponsored conferences and publications between APSIPA and IEIE.

This MoU also marks APSIPA's fourth MoU, following earlier agreements with IEEE Signal Processing Society (SPS), IEICE (Japan), and CSIG (China), as we continue to strengthen regional and global collaborations in signal and information processing.



Photo of the ceremony.



Panel: “Tomorrow's Tech, Today's Earth: AI in the Age of Sustainability”

Yuhong Liu (US Local Chapter Chair)

APSIPA U.S. Local Chapter collaborated with IEEE Computer Society, co-hosted a Panel Discussion on "Tomorrow's Tech, Today's Earth: AI in the Age of Sustainability" on April 28, 2025, 5:00 - 6:30 PM Pacific Time. This panel has involved speakers with expertise on AI and Sustainability, and discussed on multiple commonly interested questions, such as the impact of AI/data centers on sustainability, how AI can be leveraged to facilitate sustainability, AI ethics, advices for students and young professionals working in relevant domains. Some of the screenshots from the panel discussion are attached later.

August 8, 2025, Dr. C.-C. Jay Kuo, University of Southern California, will deliver a talk on “Modern AI, Data Fitting, and Green Learning” at Santa Clara University. The talk will be hosted in a hybrid mode with an online Zoom session.

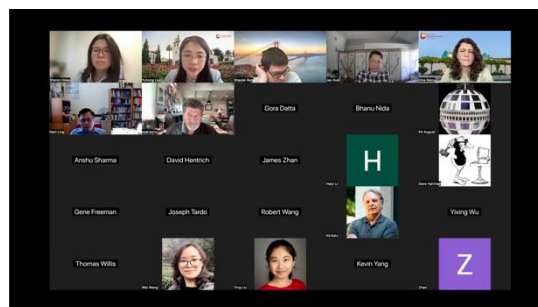
Moderator: Yuhong Liu (Santa Clara University)

Speakers:

- Shaolei Ren (University of California, Riverside)
- Sharon Hsiao (Santa Clara University)
- Irina Raicu (Markkula Center for Applied Ethics)

Co-hosted by:

- APSIPA US Local Chapter
- IEEE Computer Society Northwest Florida and NJ Coast
- IEEE Computer Society Palouse Section Chapter
- IEEE Computer Society Seattle Section Chapter
- IEEE Computer Society Orange County Section Chapter



Screenshot of attendees.

APSIPA Distinguished Lecturer Program

Isao Echizen (VP - Institutional Relations and Education Program)

APSIPA has established the Distinguished Lecturer Program (DLP) to serve its communities by organizing lectures given by distinguished experts. APSIPA DLP is an educational program that promotes the research and development of signal and information processing in the Asia Pacific region. We have concluded reviewing the nominations, and the following 10 experts have been selected for the APSIPA Distinguished Lecturers.

APSIPA Distinguished Lecturers for 2025-2026:

- Jiantao Zhou, University of Macau
- MAK Man Wai, The Hong Kong Polytechnic University
- Minoru Kuribayashi, Tohoku University
- Ngai-Man (Man) Cheung, Singapore University of Technology and Design
- Rohan Kumar Das, Fortemedia Singapore
- Shiqi Wang, City University of Hong Kong
- Weiyao Lin, Shanghai Jiao Tong University
- Xinchao Wang, National University of Singapore
- Ying Fu, Beijing Institute of Technology
- Ying Liu, Santa Clara University

APSIPA Distinguished Lecturers are distinguished experts who are willing to give lectures to achieve the objectives of the program. Many of them have already given lectures at APSIPA-related events and are scheduled to give lectures at the APSIPAASC2025 and APSIPA Autumn School to be held in Singapore. We encourage APSIPA members to take advantage of this program.



Prof. Ngai-Man (Man) Cheung, APSIPA Distinguished Lecture, gave a lecture at the Hong Kong Polytechnic University (PolyU) on June 25, 2025

(http://www.apsipa.org/email/20250618_Seminar/seminar.pdf).

Message from APSIPA VP for Publications

Zixiang Xiong (VP - Publications)

GREETINGS!

As the VP for publications (2025-2026), I am pleased to share that under the strong leadership of current EIC Prof. Jay Kuo, our flagship APSIPA Transactions on Signal and Information Processing (ATSIP) have been firing on all cylinders and experienced continued growth in both the numbers of submissions and publications in the past couple of years. Prof. Kuo's term ends on Dec. 31, 2025, the BoG recently approved the appointment of Prof. Seishi Takamura and Prof. Jiaying Liu as the EIC and Deputy EIC, respectively, of the ATSIIP for a 2-year term, starting on Jan. 1, 2026.

Starting this year, we are splitting the Sadoaki Furui Book Prize into two distinct categories: 1) Overview Paper Award and 2) Research Paper Award (for research novelty and originality). Two best papers – one in each category -- that have been published in the ATSIIP from 2020 to 2024 will receive awards at this year's APSIPA ASC in Singapore.



ATSIP EIC from 2026: Seishi Takamura.



ATSIP Deputy EIC from 2026: Jiaying Liu.

You probably heard the recent news that our ATSIIP's publisher now publishers was acquired by Emerald Publishing (see the press release at <https://www.emeraldgrouppublishing.com/news-and-press-releases/emerald-publishing-acquires-now-publishers>). We will closely monitor the impact of this latest development on our ATSIIP.



Xi'an, China | November 28-30, 2025

ICVISIP 2025

2025 9th International Conference on Vision, Image and Signal Processing

Vision, Image and Signal Processing in the Era of Multimodal AI

Organizers: Northwestern Polytechnical University

Xi'an University of Posts & Telecommunications

Tech Sponsors: Asia-Pacific Signal and Information Processing Association (APSIPA)

IEEE Xi'an Section

Hosted by: NPU - Shaanxi Key Lab of Information Acquisition and Processing & Int Center

XUPT - Shaanxi Key Lab of Information Communication Network and Security

Chang'an University - School of Data Science and Artificial Intelligence

Nanchang Hangkong University - School of Information Engineering



Welcome to ICVISIP 2025

It is with great pleasure that we invite you to the 2025 9th International Conference on Vision, Image and Signal Processing (ICVISIP 2025), which is scheduled to take place from November 28-30, 2025, in Xi'an, China. The conference is organized by Northwestern Polytechnical University and Xi'an University of Posts & Telecommunications, and technically sponsored by Asia-Pacific Signal and Information Processing Association (APSIPA) and IEEE Xi'an Section. ICVISIP is committed to delivering a platform for collaboration and discovery, with the aim of driving progress in image, vision, and signal processing—key technologies that are enhancing our understanding of the world and propelling advancements in artificial intelligence, machine learning, and a multitude of other applications that are transforming industries and improving lives. We warmly invite your contributions and eagerly anticipate the opportunity to meet with you in person at ICVISIP 2025.

Committee

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Mingyi He, Northwestern Polytechnical University, China

Guangyue Lu, Xi'an University of Posts & Telecommunications, China

Hongwei Liu, Xidian University, China

Toshihisa TANAKA, Tokyo University of Agriculture and Technology, Japan

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Jiantao Zhou, University of Macau, China

Feng Zhao, Xi'an University of Posts & Telecommunications, China

Bangshu Xiong, Nanchang Hangkong University, China

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Li Li, Northwestern Polytechnical University, China

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Jian Xue, Xi'an University of Posts & Telecommunications, China

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Jinshan Ding, Xidian University, China

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Zhiyong Wang, The University of Sydney, Australia

Junhui Hou, City University of Hong Kong, China

Call for Papers

For more information, please visit: www.icvisip.org/cfp

The topics of interest include, but are not limited to:

▶ **Computer Vision**▶ **Image Processing**▶ **Signal Processing**▶ **Multimodal AI**▶ **Applications**

Publication

All accepted and presented papers will be included in ICVISIP 2025 conference proceedings (ISBN: 979-8-3315-5682-2), which will be published by IEEE and submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements, and also submitted to Ei Compendex and Scopus for indexing.



Key Dates

First Round

Abstract Submission Due: August 31, 2025

Full Submission Due: September 10, 2025

Notification: October 5, 2025

Registration Due: October 26, 2025

Final Paper Submission Due: October 26, 2025

Main Conference: November 28-30, 2025

Submission

Online submission link:

<https://cmt3.research.microsoft.com/ICVISIP2025>

Or scan the QR Code:



Submission Notes

- 1. Language Requirement:** The conference exclusively accepts manuscripts written in English. All submissions must be composed entirely in English.
- 2. Academic Integrity:** Any form of plagiarism, copying, or improper citation is strictly prohibited. All manuscripts will undergo originality screening. Submissions suspected of plagiarism or serious academic misconduct will not be sent for review and may be summarily rejected.
- 3. Originality and Unpublished Status:** Submitted manuscripts must represent original research findings. The content must not have been published previously in any domestic or international publicly available publication (including journals, books, etc.) or presented at any other academic conference (including predecessors or related conferences of this event).
- 4. Manuscript Length:** The length of the manuscript's main body (including figures, tables, and references) shall be no fewer than 5 pages.
- 5. Formatting Specifications:** Manuscripts must adhere strictly to the latest official paper template

For paper template, please visit: www.icvisip.org/sub

Call for Sponsors & Supporters

Universities, research institutions and enterprises interested in sponsoring or supporting ICVISIP 2025 are welcome to reach out to us.

Contact Us

Website: www.icvisip.orgEmail: inquiry@icvisip.org



Summary of Links

- APSIPA ASC 2025: <https://www.apsipa2025.org/>
- APSIPA ASC 2024: <http://www.apsipa2024.org/>
- APSIPA Transaction on Signal and Information Processing:
<https://www.nowpublishers.com/SIP>
 - Paper submission: <https://mc.manuscriptcentral.com/apsipa>
- APSIPA Industrial Activities: <http://www.apsipa.org/industrial.htm>
- APSIPA Friend Labs: <http://www.apsipa.org/friendlab/FriendLabs.htm>
- APSIPA Membership Registration/Renewal:
<http://www.apsipa.org/reg.asp>
- APSIPA Local Chapters: <http://www.apsipa.org/chapter/index.html>
- APSIPA Photo Gallery: <http://www.apsipa.org/photo/photo.htm>



APSIPA Who's Who

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