



APSIPA

ASIA PACIFIC SIGNAL AND INFORMATION PROCESSING ASSOCIATION

NEWSLETTER

ISSUE 49, SEPTEMBER 2026

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

Greeting from the Editorial Office

Welcome to the September 2026 issue of the APSIPA Newsletter!

After the Winter Olympics and the World Cup, readers may be wondering whether this has become a sports column. Please bear with me for one more round! As I write this, the Asian Games are underway in Aichi-Nagoya, Japan, under the slogan "Imagine One Asia."

That phrase feels especially relevant to APSIPA. Coming together does not mean thinking alike. It means creating opportunities for people with different backgrounds, interests, and approaches to learn from one another. And while our roots are in the Asia-Pacific region, those opportunities should not stop at its borders.

In this issue, our President introduces APSIPA's new partnership with EURASIP, opening further opportunities for exchange with our colleagues in Europe. It is a welcome reminder that a strong regional community can also be a starting point for wider international collaboration.

Looking ahead, APSIPAASC 2026 will bring us together in Bangkok, Thailand, from November 9 to 12. I hope to see many of you there, catch up with old friends, and meet new colleagues.

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

P.S. Next round? Yep, maybe the MLB World Series :)

Yuichi Tanaka

EiC of the
APSIPA Newsletter



In this issue

- | | |
|--|-----|
| • APSIPA-EURASIP MoU | 2-3 |
| • Invited Lectures in Tokyo and Osaka | 4 |
| • Some Updates from the APSIPA TSIP | 5 |
| • APSIPAASC 2026: Call for Participation | 6 |
| • Summary of Links | 7 |
| • APSIPA Who's Who | 8 |

Building Bridges Across Continents: APSIPA and EURASIP Sign New MoU

Woon-Seng Gan

President, Asia-Pacific Signal and Information Processing Association (APSIPA)

I am pleased to share with all APSIPA members another important milestone in our continuing effort to strengthen international collaboration in signal and information processing.

During **EUSIPCO 2026 in Bruges, Belgium**, APSIPA formalized a new **Memorandum of Understanding (MoU) with the European Association for Signal Processing (EURASIP)**. The MoU represents an important step in building a stronger bridge between the signal processing communities of the **Asia-Pacific region and Europe**, and reflects our shared commitment to advancing research, education, professional exchange, and international cooperation.

EURASIP is one of the major professional associations dedicated to signal processing in Europe. Its flagship conference, the **European Signal Processing Conference (EUSIPCO)**, is held annually and brings together researchers, students, and industry practitioners working across the broad spectrum of signal processing and its emerging applications. EUSIPCO 2026, the 34th edition of the conference, was held in Bruges from 31 August to 4 September 2026.

It was therefore particularly meaningful to formalize this partnership during EUSIPCO 2026 together with **Prof. Stephen McLaughlin, President of EURASIP**. Prof. McLaughlin currently leads EURASIP's Board of Directors, and our discussions highlighted the considerable opportunities for closer interaction between our two communities.





Part of APSIPA's Growing International Partnership Network

The EURASIP MoU builds upon APSIPA's continuing strategy of developing strong relationships with leading professional societies in signal and information processing.

APSIPA already has formal agreements with:

- the **IEEE Signal Processing Society (IEEE SPS), USA;**
- **The Institute of Electronics, Information and Communication Engineers (IEICE), Japan;**
- the **China Society of Image and Graphics (CSIG), China;** and
- the **Institute of Electronics and Information Engineers (IEIE), Korea.**

With **EURASIP now joining this network**, APSIPA is further extending its international reach and strengthening an important connection with the European research community.

From Agreements to Active Collaboration

An MoU is ultimately valuable only when it leads to meaningful interaction. Our next priority is therefore to translate these partnerships into activities that directly benefit our members.

We envision greater exchange between technical communities, participation in one another's conferences and workshops, joint educational and professional-development activities, interaction among Technical Committees, and new opportunities for students and early-career researchers to build international networks.

These partnerships also reinforce an important principle underlying APSIPA: while our roots are firmly in the **Asia-Pacific region, science and technology transcend geographical boundaries**. Progress in signal and information processing depends upon the open exchange of ideas and the ability of researchers from different communities to learn from one another and work together.

As APSIPA continues to grow, we will actively strengthen our relationships with IEEE SPS, IEICE, CSIG, IEIE, EURASIP, and other professional communities. Through these collaborations, we hope not only to increase APSIPA's international presence, but more importantly to create tangible opportunities for our members and contribute collectively to the advancement of signal and information processing worldwide.

I look forward to seeing many new research collaborations, exchanges, and friendships emerging from these partnerships in the years ahead!



Invited Lectures in Tokyo and Osaka

Yoshinobu Kajikawa (Chair, APSIPA Tokyo Chapter)

APSIPA Tokyo Chapter organized two invited lectures by Prof. Chris Gwo Giun Lee of National Cheng Kung University (NCKU), Taiwan, in Japan in July 2026. The first was held at Hosei University in Tokyo on July 21, followed by a second lecture at Kansai University in Osaka on July 24. At both universities, Prof. Lee presented “Machine Learning for Analytics Architecture: AI to Design AI.”

Prof. Lee is a professor in the Department of Electrical Engineering at NCKU. His work spans signal processing systems, multimedia, artificial intelligence, bioinformatics, and digital health, and he currently serves as APSIPA Vice President for Industrial Relations. Before joining NCKU, he worked at Philips Semiconductors in Silicon Valley as a system architect and project leader. The Chapter invited him to share a design perspective that connects machine-learning algorithms with the computing architectures needed to deploy them efficiently.

A central theme of the lecture was Algorithm/Architecture Co-Design (AAC). Rather than treating implementation as a later step, AAC examines an algorithm and its target architecture together. Prof. Lee discussed how computational complexity, available parallelism, data storage, and transfer bandwidth influence the mapping of AI algorithms to embedded systems and systems-on-chip (SoCs). Dataflow models, graph-theory-based analysis, and high-level synthesis provide tools for exploring this design space. The resulting workflow links algorithm design, architecture design, hardware/software implementation, and practical AI applications.

The phrase “AI to Design AI” described the use of automated analysis and design tools to move from algorithm choices to efficient hardware and software. This approach supports lean AI across cloud, edge, and mobile platforms, where accuracy must be balanced against energy, memory, and computing limits. One application example was a lightweight mobile edge AI system for skin cancer detection using a two-layer convolutional neural network and limited training data.

The Tokyo lecture took place from 15:00 to 16:00 in Room AL1 on the third floor of the West Building at Hosei University's Koganei Campus. The session allowed researchers and students to relate the AAC framework to practical questions in efficient AI system design and provided time for questions and further exchanges.

The Osaka lecture was held from 15:00 to 16:00 in Room 4103, Building 4, Area 4, at Kansai University's Senriyama Campus. It was co-sponsored by the IEEE Signal Processing Society Kansai Chapter, the IEEE Kansai University Student Branch, and APSIPA Tokyo Chapter. The lecture brought APSIPA members, researchers, students, and related IEEE communities together and provided another opportunity for questions and professional exchange.



(Left) Participants at the Kansai University lecture. (Right) Prof. Chris Gwo Giun Lee delivering his lecture.

Presenting the same lecture in Tokyo and Osaka extended the exchange beyond a single local meeting and created additional points of contact between Japan and the wider APSIPA community. APSIPA Tokyo Chapter will continue to develop lectures and educational activities that connect researchers and students across institutions and professional societies.



Some Updates from the APSIPA TSIP

Seishi Takamura (EiC, APSIPA Transactions on Signal and Information Processing)

Since my previous newsletter message in June, APSIPA Transactions on Signal and Information Processing (TSIP) has continued to receive a healthy level of submissions. By the end of August 2026, the journal had received 88 submissions. Considering that 115 submissions were received during the whole of 2025, the current pace suggests that this year may reach a comparable or potentially higher annual submission level. We are encouraged by this continued interest in the journal and sincerely appreciate the support of our authors, reviewers, Associate Editors, and Editorial Board members.

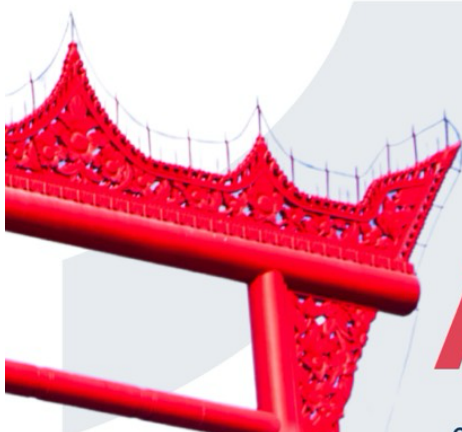
The 2026 Journal Citation Reports, released by Clarivate on June 17, also provide an updated Journal Citation Indicator (JCI), a field-normalized metric that complements the Journal Impact Factor. The JCI of APSIPA TSIP was 0.53 for 2025, compared with 0.55 for 2024, indicating that the journal's citation impact remained essentially stable.

Another encouraging development is a new fast-track initiative with the China Multimedia Conference (ChinaMM), led by our Deputy Editor-in-Chief, Prof. Jiaying Liu. ChinaMM is organized by the Multimedia Technical Committee of the China Society for Image and Graphics (CSIG) and attracts more than 1,500 participants annually. Selected papers that have already undergone rigorous peer review at the conference may be recommended for formal submission to ATSIP and considered through a streamlined fast-track review process.

Under this pilot scheme, Prof. Liu is helping to manage the recommended submissions and review processes. The original conference reviewers may be invited again, while additional independent reviewers can also be recruited when appropriate to maintain the journal's review quality. We have already received several submissions through this initiative, and we hope that this collaboration will help strengthen ATSIP's visibility and attract high-quality contributions from the multimedia research community in mainland China.

We would also like to clarify the manuscript preparation requirements for authors. While LaTeX remains a preferred option, submissions prepared in Microsoft Word are also welcome, and a specific Word template is not required. We hope that this flexibility will make the submission process more convenient for authors from a broad range of research communities.

We will continue to explore opportunities to strengthen the journal's submission base, visibility, and collaboration with relevant conferences and research communities. Thank you for your continued support of APSIPA TSIP. We look forward to receiving your future submissions.



APSIPA ASC2026

NOVEMBER 9-12, 2026 **BANGKOK**
COURTYARD BY MARRIOTT BANGKOK
SUVARNA BHUMI AIRPORT **THAILAND**

APSIPA is interested in all aspects of signal and information processing theories, algorithms, securities, implementations, and applications. The 18th edition of the conference - APSIPA ASC 2026 - will be held on November 9-12, 2026 in Bangkok, Thailand.

POSTER
129
337 **ORAL**

ALL PRESENTATION

KEYNOTE SPEAKERS



Prof. Dacheng Tao

Distinguished University Professor, Nanyang Technological University, Singapore
Talk Title: **Deep Model Fusion**



Prof. Baoquan Chen

Distinguished Boya Professor, Peking University, China
Associate Dean of the School of Artificial Intelligence, Peking University
Talk Title: **Computer Graphics in the AI Age**



Prof. Vesa Välimäki

Prof. Vesa Välimäki
Professor and Vice Dean, Aalto University, Finland
Talk Title: **Audio Signal Processing with the Giant FFT**

TUTORIALS/WORKSHOPS

On 10 November 2026 from 08:30 a.m. to 12:00 p.m.

- Prof. Ping-Chun Hsieh, ■ "Beyond Single-Task Reinforcement Learning: Robustness, Generalization, and Fast Adaptation"
- Prof. Yu-Shuen Wang ■
- Prof. Yipeng Liu ■ "Learnable Optimization for Hyperspectral Imaging"
- Prof. Ying-Ren Chien, ■ "Statistical and Deep Learning Methods in Speech Processing"
- Assoc. Prof. Pavel Loskot and Yu Gao ■

WINTER SCHOOLS

On 9 November 2026 from 08:30 a.m. to 16:00 p.m.

Part I: Trustworthy Speech Foundation Models and LLM-Augmented Modeling for Pathological Speech

PART II: Foundation Models and Agentic AI

WOMEN IN APSIPA

On 11 November 2026 from 13:00 to 14:00 p.m.

Build a supportive and internationally connected community for women researchers, students, and professionals within APSIPA

REGISTRATION



Email: info@apsipa2026.org





Summary of Links

- APSIPA ASC 2026: <https://apsipa2026.org/>
- APSIPA ASC 2025: <https://www.apsipa2025.org/>
- APSIPA Transaction on Signal and Information Processing: <https://www.emerald.com/atsip>
 - 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

President: Woon-Seng Gan, Nanyang Technological University

President-Elect: Kosin Chamnongthai, King Mongkut's University of Technology Thonburi

Past Presidents: Sadaoki Furui (2009-2012), C.C. Jay Kuo (2013-2014), Haizhou Li (2015-2016), Wan-Chi Siu (2017-2018) Hitoshi Kiya (2019-2020), Anthony Kuh (2021-2022)

Immediate Past President: Tatsuya Kawahara, Kyoto University

VP - Conferences: Bonnie N. F. Law, The Hong Kong Polytechnic University

VP - Industrial Relations and Development: Chris Gwo Giun Lee, National Cheng Kung University

Deputy VP - Industrial Relations and Development: Ning Xu, Doby Laboratories

VP - Institutional Relations and Education Program: Isao Echizen, National Institute of Informatics

VP - Member Relations and Development: Wen-Hsiao Peng, National Yang Ming Chiao Tung University

VP - Publications: Sanghoon Lee, Yonsei University

VP - Technical Activities: Mingyi He, Northwestern Polytechnical University

Members-at-Large:

Nancy F. Chen, A*STAR

Jing-Ming Guo, National Taiwan University of Science and Technology

Yoshinobu Kajikawa, Kansai University

Jong-Ok Kim, Korea University

Kenneth K. M. Lam, The Hong Kong Polytechnic University

Toshihisa Tanaka, Tokyo University of Agriculture and Technology

Yuichi Tanaka, The University of Osaka

Hsin-Min Wang, Academia Sinica

Kok Sheik Wong, Monash University Malaysia

Hong Vicky Zhao, Tsinghua University

Thomas Fang Zheng, Tsinghua University

Ce Zhu, University of Electronic Science and Technology of China

Headquarters

Address:

APSIPA, Asia Pacific Signal and Information Processing Association
Department of Electrical and Electronic Engineering
The Hong Kong Polytechnic University
Hung Hom, Kowloon
Hong Kong

Officers:

Director: Wan-Chi Siu
Manager: Kenneth K. M. Lam
Secretary: Bonnie N. F. Law
Treasurer: Chris Y. H. Chan

APSIPA Newsletter Editorial Board Members

Editor-in-Chief: Yuichi Tanaka, The University of Osaka

Vice Editor-in-Chief: Hong Vicky Zhao, Tsinghua University

Past Editors-in-Chief: Jiantao Zhou, Sanghoon Lee, KokSheik Wong, Bonnie Law, Waleed H. Abdulla

Board Members: Yoshinobu Kajikawa, Xie Lei