

# **Message from Editor-in-Chief**

### Greetings!

Welcome to the April issue of the APSIPA Newsletter!

We hope you had a fulfilling and enjoyable experience at the recently concluded APSIPA ASC 2024, which was a resounding success. The event brought together experts, professionals, and enthusiasts from various fields and regions, fostering stimulating discussions, workshops, and presentations around the theme "Unleashing the Potential of Smart AI for Signal and Information Processing". The Galaxy International Convention Center provided an excellent setting, offering the perfect space for both

intellectual exchange and social interaction. In this edition, you will also find an overview of APSIPA ASC 2024, along with many memorable photos from the event.

With heartfelt gratitude, we extend our deepest appreciation to Prof. Tatsuya Kawahara, our outgoing APSIPA President, for his exceptional leadership and invaluable contributions. As we welcome an exciting new chapter, we are thrilled to introduce Prof. Gan Woon Seng as our new President—this issue features a detailed introduction to his vision and a warm message to the APSIPA community.

I would also like to express my sincere appreciation to the editorial board members for their invaluable support during my tenure as Editor-in-Chief of the APSIPA Newsletter. Starting from April 2025, Prof. Jing-Ming Guo from the National Taiwan University of Science and Technology will assume the role of Editor-in-Chief. As always, we encourage and welcome your

## contributions to the APSIPA Newsletter. Your insights and perspectives help keep our community vibrant and dynamic. We look forward to receiving your submissions and hearing your thoughts on the future direction of our field.

We hope you enjoy this issue and wish everyone a prosperous start to the year, filled with good health and success in all your endeavors.

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Please enjoy reading this issue!

## **Message from APSIPA President**

It is an immense honor to serve as the President of APSIPA, an organization that has fostered collaboration and innovation across the diverse and dynamic Asia-Pacific region for over 16 years. APSIPA's identity lies not only in its technical excellence but in its vibrant community spirit—a unique space where researchers, professionals, and students come together to exchange ideas and inspire each other.

As we look to the future, my priority as President is to further invigorate our society by fostering active participation among all members, particularly our young and emerging talents. The Asia-Pacific region is at the forefront of advancements in AI, signal processing, and information technology. APSIPA must be the platform that brings together this fast-growing research community and amplifies its collective impact.

#### My Key Priorities:

- 1. Enhancing Vibrancy Through Technical Activities:
  - To sustain and grow the vitality of our society, I encourage members to initiate and promote technical activities. Whether through special interest groups, focused workshops, or interdisciplinary collaborations, these initiatives will enrich APSIPA's intellectual ecosystem and foster new ideas.
- 2. Empowering Young Members:
  - The future of APSIPA rests in the hands of our young members. To this end, we will create new opportunities for young researchers to actively participate in APSIPA activities. From leadership roles in technical committees to organizing events and contributing to publications, we aim to nurture their potential and ensure their voices are heard.
  - We will also explore mentorship programs to connect young members with senior researchers, creating a supportive environment for professional growth.
- 3. Expanding Membership and Engagement:
  - By fostering a more vibrant and inclusive community, we aim to attract more members to join our society, participate in annual conferences, and engage in local chapter activities. Strengthening these networks will ensure APSIPA continues to serve as a hub for innovation and collaboration across the region.
- 4. Unifying the Asia-Pacific Research Community:
  - The Asia-Pacific region stands as a dynamic and rapidly expanding hub for innovation in AI and signal processing. APSIPA is committed to uniting this diverse and talented community by fostering collaboration, enabling knowledge exchange, and supporting groundbreaking research. Through initiatives such as seasonal schools, technical workshops, mentoring programs, and targeted financial assistance for underrepresented groups, APSIPA aims to ensure inclusivity and accessibility for all researchers, regardless of background or location.
  - In an era marked by global challenges and geopolitical divides, APSIPA reaffirms its dedication to inclusiveness and technological openness. We will work to bridge divides by promoting equitable participation, sharing technical advancements across regions, and creating opportunities for all members to thrive together. By bringing our technical activities to underserved regions and fostering collaboration across borders, APSIPA will empower the Asia-Pacific research community to grow as a unified force driving innovation and progress.

I have had the privilege of working closely with many esteemed APSIPA founders and past presidents, including our immediate past and past presidents: Prof. Tatsuya Kawahara and Prof. Anthony Kuh, whose remarkable dedication to expanding APSIPA's activities and membership through chapters, outreach, and workshops has been truly inspiring. These voluntary leadership roles

demand unwavering commitment, and it is through this collective effort that we uphold our founding president Prof. Sadaoki Furui's vision of fostering innovation, inclusiveness, and collaboration across the Asia-Pacific region. As we move forward, I warmly welcome suggestions and feedback from all our members to further strengthen APSIPA's initiatives and ensure we continue shaping a vibrant, inclusive, and impactful community for advancing technology.



Woon-Seng Gan

## **Overview of APSIPA ASC 2024**

The 2024 APSIPA Annual Summit and Conference (APSIPA ASC 2024) concluded successfully at the Macau Galaxy International Convention Center in Macau, China on December 6, 2024. This year's event brought together 525 attendees from 23 countries and regions, making it a vibrant and global gathering. A total of 367 papers were presented, including 276 oral presentations and 91 poster presentations, reflecting the latest advancements in signal processing and AI.

The conference featured a well-structured program that captivated attendees throughout the event. A key highlight was the series of three keynote speeches, where distinguished speakers shared their expertise on a variety of topics, from video and image compression to the intersection of AI and cognitive health, and the use of crowdsourcing in learning from unreliable data sources. These speeches provided valuable insights into cutting-edge research and practical applications in the field.

In addition to the keynotes, the event also included multiple learning opportunities. Participants were able to attend Winter Schools that covered foundational and advanced topics in AI and machine learning, including neural networks, deep learning for image forensics, and generative modeling for conversational AI. These sessions were designed to provide in-depth knowledge and explore emerging trends in the field.



Photos during APSIPA ASC 2024

The tutorials at APSIPA ASC 2024 also garnered significant interest. Topics ranged from EEG signal processing and machine learning to human-centric RF sensing, including pose estimation and ECG monitoring. There was also a focus on speech synthesis advancements and application of statistical and causal inference for analyzing time-series and tabular data.

The success of the conference was marked by the enthusiastic participation of attendees, the high quality of discussions, and the opportunities for collaboration and knowledge exchange. The organizing committee expressed sincere gratitude for the overwhelming support from the global research community, which made APSIPA ASC 2024 a dynamic platform for advancing the fields of signal processing and artificial intelligence.

We look forward to continuing this momentum and to future APSIPA events that foster innovation and collaboration. For more information about APSIPA ASC 2024 and upcoming events, please visit <u>http://www.apsipa2024.org/</u>.



Group Photo of APSIPA ASC 2024

# 2024 Technical Committee Chair Meeting in Macau

The APSIPA Technical Committee Chair Meeting 2024 was successfully held on December 5, 2024, in Macau. The new president (2025 - 2026), Professor Woon-Seng Gan presented the meeting and highlighted the critical role of the Technical Committee within the Association. The committee is responsible for supervising and guiding technical affairs to conferences, workshops, and particularly the organization and review of technical aspects of the Annual Summit and Conference (ASC).

The meeting was chaired by the newly elected Vice President for Technical Activities, Professor Mingyi He. All the Technical Committee Chairs or their representatives presented reports on their activities throughout 2024. These reports included updates on the organization of the special sessions, the review of conference papers, workshops, lectures, and other technical activities.

During the meeting, several committees reached the end of their terms, leading to elections and the appointment of new members. Notably, due to its large size and to facilitate more efficient operations, the SLA (Speech, Language, and Audio) technical committee was divided into two separate committees, each with newly elected chairs. The attendees also engaged in discussions regarding the challenges they faced in their work and outlined plans for future activities. Professor Mingyi He, on behalf of the Association, expressed his gratitude to all members for their hard work and achievements over the past year. He urged everyone to promptly complete the process of appointing new committee members and to actively prepare for the upcoming ASC 2025.

Professor He expressed his hope that, after the pandemic, all Technical Committee Chairs would take on their responsibilities with renewed vigor, actively engage in their duties, and contribute to the advancement of the Association's goals. The meeting concluded with a strong sense of commitment and enthusiasm among the Technical Committee Chairs, who are now more determined than ever to drive the Association's technical initiatives forward.

#### **Technical Committees Chairs (2025)**

The technical committees, Current term, Chair with affiliations are as follows.

- Audio, Acoustics, and Music (AAM ) TC, 2025-2026, Nobutaka Ono, Tokyo Metropolitan Univ
- Biomedical Signal Processing and Systems (BioSiPS) TC, 2024-2025, Beth Jelfs, Univ of Birmingham
- Image, Video, and Multimedia (IVM) TC, 2025-2026, Li-Wei Kang, National Taiwan Normal Univ
- Machine Learning & Data Analytics (MLDA) TC: 2025-2026, Jen-Tzung Chien, National Yang Ming Chiao-Tung Univ
- Multimedia Security and Forensics (MSF) TC, 2025-2026, Jiantao Zhou, Univ of Macau
- Signal and Information Processing Theory and Methods (SIPTM), 2025-2026, Yuchao Dai, Northwestern Polytech Univ
- Speech and Language Processing (SLP) TC, 2025-2026, Tomoki Toda, Nagoya Univ
- Signal Processing Systems (SPS), 2024-2025, Jia-Ching Wang, National Central Univ
- Wireless Communications and Networking (WCN), 2024-2025, Koichi Adach, Univ of Electro-Communications

#### APSIPA Newsletter



Photo of 2024 Technical Committee Chair Meeting

# Winter School 2024: Distinguished Lectures on "AI SIP: Hopfield Neural Network and Deep Learning"

The APSIPA Winter School and Distinguished Lectures on "AI SIP: Hopfield Neural Network and Deep Learning" were successfully held on December 3, 2024, in Macau. The event was inaugurated with an opening speech by APSIPA President (2023-2024), Professor Tatsuya Kawahara. The invited distinguished speakers included Professor Mingyi He from Northwestern Polytechnical University, Professor Ngai Fong (Bonnie) Law from the Hong Kong Polytechnic University, and Professor Jen-Tzung Chien from National Yang Ming Chiao Tung University. The event attracted over 150 participants, including researchers, educators, and students.

The APSIPA 2024 Winter School was organized as a satellite event of the APSIPA ASC 2024 to promote APSIPA's presence in the region and to advance education in signal and information processing (SIP). The theme of the winter school, "AI for SIP: Hopfield Neural Networks and Deep Learning," reflects the growing importance of artificial intelligence (AI) and machine learning in the field of signal and information processing.

President Kawahara highlighted the significance of recent breakthroughs in AI and deep learning, which have had a transformative impact across scientific, educational, industrial, and service sectors. Notably, the 2024 Nobel Prize in Physics was awarded to John Hopfield and Geoffrey Hinton for their pioneering work in artificial neural networks (ANN) and machine learning, which are highly relevant to the field of our signal and information processing. The winter school aimed to provide researchers, particularly young graduates, with a comprehensive understanding of the contributions of Hopfield and Hinton, as well as the applications of deep learning in SIP. Great appreciations to our Vice President for Institutional Relations and Education Programs in 2021-2924, Professor Mingyi He, for his initiating this important academic activity in a timely manner.



Prof Mingyi He



Prof Bonnie Law



Prof Jen-Tzung Chien

This APSIPA Winter School was structured into four parts, each led by renowned experts:

#### Part 1: Overview of Neural Network AI

Presented by Professor Mingyi He, this session provided a concise overview of the evolution of neural networks and artificial intelligence (NN/AI), including the Hopfield neural network (HNN), feedforward neural networks, and deep learning techniques such as convolutional networks, skip-connections, and transformers. The session emphasized the foundational role of HNN in machine learning and discussed current challenges in NN/AI.

#### Part 2: Hopfield Neural Network Foundation for Machine Learning

Also delivered by Professor He, this session delved into the fundamentals of the Hopfield neural network, covering its model, Lyapunov functions, stability, and applications in machine learning and SIP. The session explored the transition from traditional HNN to modern variants, including the discovery of the Lyapunov function for the Three-Body Problem (TBP) through deep learning in 2024. The discussion highlighted the intrinsic connections between HNN and deep learning, offering new insights into signal and information processing.

#### Part 3: Deep Learning for Image Forensics

Presented by Professor Ngai Fong (Bonnie) Law, this session focused on the remarkable progress in machine and deep learning, particularly in tasks such as classification, recognition, and detection. Advanced models and their applications in image forensics were examined in detail.

#### Part 4: Generative Modeling and Conversational AI

Led by Professor Jen-Tzung Chien, this session explored the creative capabilities of modern machine learning models, including content generation for text, speech, images, and videos. Key technologies such as transformer models and tools like ChatGPT were highlighted, demonstrating their transformative impact on generative modeling and conversational AI.

The event concluded with closing remarks by Professor Isao Echizen, the newly elected Vice President for Institutional Relations and Education Programs. The local organizing committee was chaired by Professor Yuan Wu from the University of Macau and Professor Yuanman Li from Shenzhen University.

This event underscored APSIPA's commitment to fostering education and innovation in AI and signal processing, bringing together leading experts to share their knowledge and inspire the next generation of researchers. (For more information, please visit: <u>www.apsipa2024.org/winter.html</u>.)



# **APSIPA President visits NPU School of Electronics and Information**

On March 6, 2025, Professor Woon-Seng Gan, President of APSIPA and Professor of Nanyang Technological University, Singapore, visited the School of Electronics and Information at Northwestern Polytechnical University (NPU) in Xi'an. The visit was facilitated by Professor Mingyi He, Vice President of APSIPA and a professor at NPU's School of Electronics and Information. Professor Hou Jun, the head of the School, warmly welcomed Professor Gan and expressed sincere gratitude for his long-standing support and contributions to the school's development.

During the visit, Professor Mingyi He provided a comprehensive overview of the evolution of the signal and information processing discipline at NPU. He highlighted the remarkable achievements and unique strengths of the Shaanxi Provincial Key Laboratory of Information Acquisition and Processing (L-IAP), as well as the International Joint Research Center (C-IAP), in areas such as scientific research, education, and international collaboration. Professor Yuchao Dai, current Director of L-IAP, accompanied the visit and participated in the discussions.

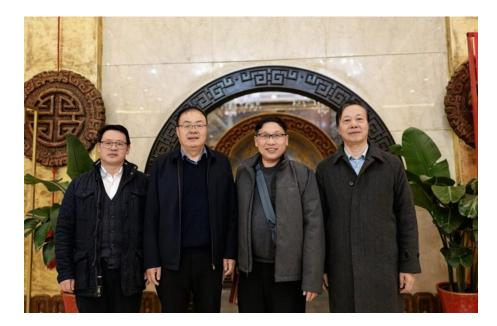


School Head Prof Jun Hou welcomes President Gan

President Gan visits NPU School of Electronics and Information

Professor Gan also had a meeting with several APSIPA members in Xi'an, including Professor Mingyi He (Vice president of APSIPA) from NPU's School of Electronics and Information, Professor and Vice President Hongwei Liu of Xidian University, Professor Jingdong Chen (previous DL) from NPU's School of Marine Science and Engineering, and Professor Yuchao Dai (previous DL and SIPTM TC Chair) from NPU's School of Electronics and Information. They discussed SIP (signal and information processing) activities in Xi'an and local chapter development vision. Professor Gan praised the vibrant academic ambience in Xi'an within the field of signal and information processing and expressed his appreciation for NPU's significant contributions to the advancement of APSIPA

This visit further strengthened the collaborative ties between NPU and APSIPA, marking an important step in enhancing the international influence of NPU's signal and information processing discipline.



President Gan meets with some preventive APSIPA members in Xi'an



President Gan visits in IAP International Research Center

# **Top Downloaded and Cited Papers in APSIPA T-SIP**

We are pleased to announce the top 10 most downloaded papers in 2024, the top 5 most cited papers from 2024, and the top 5 most cited papers since the launch of the APSIPA Transactions on Signal and Information Procession below.

## A. The Top 10 Most Downloaded Papers in 2024

• Deep Unsupervised Domain Adaptation: A Review of Recent Advances and Perspectives

Xiaofeng Liu, Chaehwa Yoo, Fangxu Xing, Hyejin Oh, Georges El Fakhri, Je-Won Kang, Jonghye Woo

#### • Recent Advances in End-to-End Automatic Speech Recognition

Jinyu Li

• Knowledge Graph Embedding: An Overview

Xiou Ge, Yun Cheng Wang, Bin Wang, C.-C. Jay Kuo

#### • Deep Review and Analysis of Recent NeRFs

Fang Zhu, Shuai Guo, Li Song, Ke Xu, Jiayu Hu

• A Review of Speech-centric Trustworthy Machine Learning: Privacy, Safety, and Fairness

Tiantian Feng, Rajat Hebbar, Nicholas Mehlman, Xuan Shi, Aditya Kommineni, Shrikanth Narayanan

#### • Automatic Medical Report Generation: Methods and Applications

Li Guo, Anas M. Tahir, Dong Zhang, Z. Jane Wang, Rabab K. Ward

#### • YOLOv1 to YOLOv10: The Fastest and Most Accurate Real-time Object Detection Systems

Chien-Yao Wang, Hong-Yuan Mark Liao

#### • The Age of Synthetic Realities: Challenges and Opportunities

João Phillipe Cardenuto, Jing Yang, Rafael Padilha, Renjie Wan, Daniel Moreira, Haoliang Li, Shiqi Wang, Fernanda Andaló, Sébastien Marcel, Anderson Rocha

#### • Deep Active Learning for Computer Vision: Past and Future

Rinyoichi Takezoe, Xu Liu, Shunan Mao, Marco Tianyu Chen, Zhanpeng Feng, Shiliang Zhang, Xiaoyu Wang

#### • Is ChatGPT Involved in Texts? Measure the Polish Ratio to Detect ChatGPT-Generated Text

Lingyi Yang, Feng Jiang, Haizhou Li

## B. The Top 5 Most Cited Papers from 2024

• Knowledge Graph Embedding: An Overview

Xiou Ge, Yun Cheng Wang, Bin Wang, C.-C. Jay Kuo

• Is ChatGPT Involved in Texts? Measure the Polish Ratio to Detect ChatGPT-Generated Text

Lingyi Yang, Feng Jiang, Haizhou Li

## • YOLOv1 to YOLOv10: The Fastest and Most Accurate Real-time Object Detection Systems

Chien-Yao Wang, Hong-Yuan Mark Liao

• Sound Event Detection: A Journey Through DCASE Challenge Series

Tanmay Khandelwal, Rohan Kumar Das, Eng Siong Chng

• Knowledge Graph Embedding with 3D Compound Geometric Transformations

Xiou Ge, Yun Cheng Wang, Bin Wang, C.-C. Jay Kuo

## C. The Top 5 Most Cited Papers Since Launch

• A Tutorial Survey of Architectures, Algorithms, and Applications For Deep Learning

Li Deng

• An Overview of Ongoing Point Cloud Compression Standardization Activities: Video-Based (V-PCC) and Geometry-Based (G-PCC)

D. Graziosi, O. Nakagami, S. Kuma, A. Zaghetto, T. Suzuki, A. Tabatabai

• Recent Advances on Active Noise Control: Open Issues and Innovative Applications

Yoshinobu Kajikawa, Woon-Seng Gan, Sen M. Kuo

• Recent Advances in End-to-End Automatic Speech Recognition

Jinyu Li

### • Evaluating Word Embedding Models: Methods and Experimental Results

Bin Wang, Angela Wang, Fenxiao Chen, Yuncheng Wang, C.-C. Jay Kuo



We are excited to invite you to contribute to the upcoming **APSIPA ASC 2025**, which will take place in **Shangri-La Hotel**, **Singapore on 22<sup>nd</sup>-24<sup>th</sup> October 2025**. This year's theme, "Signal and Information Processing in the Era of Multimodal AI," highlights the growing importance of integrating multiple modalities in advancing research and applications.

# **Call for Papers**

We warmly encourage you to submit your research papers to APSIPA ASC 2025. For submission details and topics, please visit:

### <u>Call for Papers</u>

Take this opportunity to share your innovative work with a global audience and contribute to advancing the field of signal and information processing.

# **Call for Proposals**

In addition to paper submissions, we invite submissions of proposals for the following opportunities at APSIPA ASC 2025:

Special Sessions: Showcase emerging topics or niche areas of interest. APSIPA ASC 2025 Call for Special Sessions Proposals

Workshops: Provide hands-on sessions exploring specific themes. APSIPA ASC 2025 Call for Workshop Proposals

Tutorials: Deliver in-depth insights into focused topics. APSIPA ASC 2025 Call for Tutorials Proposals

# **Grand Challenge**

We are launching the APSIPA ASC 2025 Grand Challenge, designed to engage the community in solving cutting-edge problems and showcasing innovative approaches.

For detailed guidelines and proposal templates, visit: APSIPA ASC 2025 Call for Grand Challenges

# Promote APSIPA ASC 2025

We also encourage you to promote APSIPA ASC 2025 to your friends, colleagues, and collaborators.

The brochure is available on our official site: APSIPA ASC 2025 Brochure

Together, let's make this year's conference a remarkable success!

Should you have any questions or need assistance, feel free to contact us at apsipa2025info@gmail.com

We look forward to your participation and contributions!

Best Regards

Woon-Seng Gan, Haizhou Li, Hitoshi Kiya

General Co-Chairs, APSIPA ASC 25 @SG

SCAN ME

# APSIPA ASC 2025

17<sup>th</sup> Asia Pacific Signal and Information Processing Association Annual Summit and Conference 2025

October 22<sup>nd</sup> – 24<sup>th</sup> 2025 | Shangri-la, Singapore

# **CALL FOR PAPERS**



# **IMPORTANT DATES**

| Submission                 | Submission Deadline of Workshop                   | Notification of                | Submission                | Notification of            | APSIPA               | Submission                  | Deadline of     |
|----------------------------|---|--------------------------------|---------------------------|----------------------------|----------------------|-----------------------------|-----------------|
| Site                       | Forum, Panel, Tutorial, Special                   | acceptance                     | Deadline of               | Paper                      | Transaction          | Deadline of Camera          | Early Bird      |
| Open                       | Session Proposal and Grand                        | for proposals                  | Regular Paper             | Acceptance                 | Presentation Request | Ready Paper                 | Registration    |
| 1 <sup>st</sup> March 2025 | Challenge Proposal<br>30 <sup>th</sup> April 2025 | ●<br>15 <sup>th</sup> May 2025 | 7 <sup>th</sup> June 2025 | 22 <sup>nd</sup> July 2025 | 31st July 2025       | 7 <sup>th</sup> August 2025 | 7th August 2025 |

# INTRODUCTION

Founded in 2009, APSIPA organization (<u>www.apsipa.org</u>) aims to promote research and education in signal processing, information technology, and communications. The annual summit and conferences(ASC) have been held previously in Macau (2024), Taipei (2023), Chiang Mai (2022), Tokyo (2021), Auckland (2020), Lanzhou (2019), Hawaii (2018), Kuala Lumpur (2017), Jeju (2016), Hong Kong (2015*), Siem* Reap (2014), Kaohsiung (2013), Los Angeles (2012), Xi' an (2011), Biopolis (2010), and Sapporo (2009).

APSIPA ASC in Singapore will be the 17<sup>th</sup> edition and we are calling for submissions in all aspects of applications. Please refer to the conference web page (<u>www.apsipa2025.org</u>) for full information. All accepted papers will be included in IEEE Xplore and indexed by El, Scopus, etc, like all previous years. The technical program includes, but not limited to the following areas.

## ORGANIZING COMMITTEE

| • | Signal and Infor       |
|---|------------------------|
|   | Speech, Langua         |
|   | <b>Biomedical Sigr</b> |
|   | Image Video a          |

TOPICS

- Image, Video, and Multimedia
  Multimedia Security and Forensics
- Wireless Communications and Networking
- Deep Learning: Algorithm, Implementations, and Applications

nal Processing and Systems

Signal Processing Systems: Design and Implementation

mation Processing Theory and Methods

- Signal and Information Processing in Education
- Medical Signal Acquisition, Analysis and Processing

ge, and Audio

- Internet of Things Technology
- Data Analytics and Machine Learning
- Human Biometrics and Security Systems
- Signal and Information Processing for Smart Systems
- Multimodal Al
- Generative AI and Large Language Model
- Neuroscience and Artificial Intelligence for Education

| U   |  |   |  |     |   |   |  |
|-----|--|---|--|-----|---|---|--|
| A   | Advisory Committee Chairs<br>K. J. Ray Liu<br>Wan-Chi Siu<br>Anthony Kuh<br>Tatsuya Kawahara | A | TPC Co-Chairs<br>Yan Wu<br>Man-Ngai Cheung<br>DongYuan Shi<br>Jia-Ching Wang | A A | Tutorial Co-Chairs<br>Yoshinobu Kajikawa<br>Bhan Lam<br>Kok Sheik Wong<br>Publicity Co-Chairs | A | Industrial Forum Co-Chairs<br>Chris Lee<br>FaLong Luo<br>Stefan Winkler<br>Ning Xu |
| A   | General Co-Chairs<br>Haizhou Li<br>Woon-Seng Gan<br>Hitoshi Kiya                             |   | Zhengguo Li<br>Jun Du<br>Nobutaka Ono<br>Koichi Fujiwara                     |     | Nguyen Linh Trung<br>Nam Ik Cho<br>Zixiang Xiong<br>Siqi Cai                                  | A | Sponsorship and Exhibition Co-Chairs<br>Mingyi He<br>Zhizheng Wu<br>Lei Xie        |
| A   | Finance Chair<br>Lei Wang  |   | Chang-Su Kim<br>Minoru Kurobayashi   | >   | XiaoYi Shen<br>Publication Co-Chairs  | 4 | Perspective and Panel Session Co-Chairs<br>Kong-Aik Lee                            |
| A A | Operation Chair<br>Santi Peksi<br>Education/Winter School                                    | 7 | Koichi Adachi<br>Jen-Tzung Chien<br>Plenary Co-Chairs                        |     | Weisi Lin<br>Jing-Ming Guo<br>Sanghoon Lee  |   | Tan Lee<br>Isao Echizen  |
|     | Co-Chairs<br>Rong Tong<br>Ken Sugiyama<br>Nipon  | * | Jay Kuo<br>Shoji Makino<br>Special Sessions Co-Chairs<br>XinChao Wang        | ٨   | Yanfeng Lu<br>Award Co-Chairs<br>Waleed Abdulla   | À | Hsin-Min Wang<br>Women in APSIPA Co-Chairs<br>Bonnie Law<br>Nancy Chen             |
| ٨   | Secretariats<br>Celine Cheong<br>Heng Zhang  |   | Toshihisa Tanaka<br>Kenneth Lam<br>MingHui Dong                              | *   | Kosin Chamnongthai<br>Hong Vicky Zhao<br>Grand Challenge Co-Chairs<br>Ee-Leng Tan             | ٨ | SimYing Ong<br>Local Arrangement Co-Chairs<br>Min Yuan<br>Buchan Waran             |
| >   | Registration Chair<br>ZhenTing Ong   |   | Eng Siong Chng<br>Shuai Wang   |     | Jiantao Zhou<br>Li Liu  |   | Ruohan Wang  |

#### TRAVELLING TO SINGAPORE

By Air : Singapore Changi Airport (direct flights to 130 cities in about 100 countries worldwide)

www.apsipa2025.org

# **Summary of Links**

- APSIPA ASC 2025: <u>http://www.apsipa2025.org/</u>
- APSIPA ASC 2024: <u>http://www.apsipa2024.org/</u>
- APSIPA Transaction on Signal and Information Processing: <u>http://journals.cambridge.org/sip</u>
- Paper Submission to APSIPA Transaction on Signal and Information Processing:

http://mc.manuscriptcentral.com/apsipa

- APSIPA Industrial Activities: <u>http://www.apsipa.org/industrial.htm</u>
- APSIPA Friend's Lab: <u>http://www.apsipa.org/friendlab/FriendLabs.htm</u>
- APSIPA Membership Registration/Renewal: <u>http://www.apsipa.org/reg.asp</u>
- APSIPA Local Chapters: <u>http://www.apsipa.org/chapter/index.html</u>
- APSIPA Magazine: <u>http://www.apsipa.org/doc/magazine/apsipa\_magazine2018.pdf</u>
- APSIPA Photo Gallery: <u>http://www.apsipa.org/photo/photo.htm</u>

# **APSIPA Who's Who**

President: Woon-Seng Gan, Nanyang Technological University, Singa- Jing-Ming Guo, National Taiwan Univ. of Sci. and Tech., Taiwan pore

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

Founding Member and Advisory Member of APSIPA: Ray Liu, Uni- Yuichi Tanaka, Osaka University, Japan versity of Maryland, USA

Immediate Past President: Tatsuya Kawahara, Kyoto University, Japan

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

VP - Conferences: Bonnie N.F. Law, The Hong Kong Polytechnic Uni- Address: versity, Hong Kong

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

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

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

VP - Member Relations and Development: Toshihisa Tanaka, Tokyo University of Agriculture and Technology, Japan

VP - Publications: Zixiang Xiong, Texas A&M University, USA

VP - Technical Activities: Mingyi He, Northwestern Polytechnical University, China

#### Members-at-Large:

Waleed H. Abdullah, The University of Auckland, New Zealand

Nancy F. Chen, A\*STAR, Singapore

Nam Ik Cho, Seoul National University, Korea

Yoshinobu Kajikawa, Kansai University, Japan Weisi Lin, Nanyang Technological University, Singapore

Wen-Hsiao Peng, National Yang Ming Chiao Tung University, Taiwan

Hsin-Min Wang, Academia Sinica, Taiwan

Hong Vicky Zhao, Tsinghua University, China

Thomas Fang Zheng, Tsinghua University, China

#### Headquarters

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