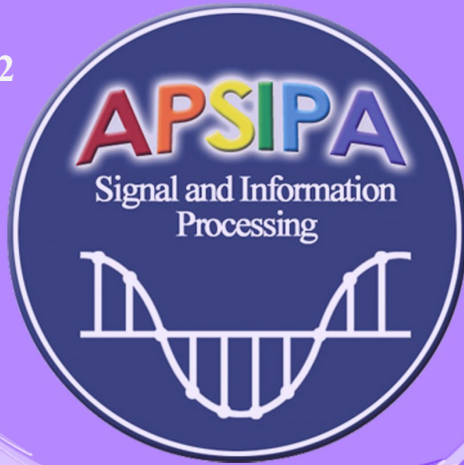


Issue 35  
Jun. 2022



# APSIPA

NEWSLETTER  
Asia-Pacific Signal and Information Processing Association Newsletter

## Greetings!

Welcome to the June issue of the APSIPA newsletter.

We are already half way past the start of 2022. As always, APSIPA society members are engaged in continuous academic exchanges and are energized by each other in their efforts to grow further. Starting with ICASSP 2022 held in Singapore on May 22 - 27, 2022, APSIPA BoG members will greet each other face-to-face over on site and on-line. I hope that the corona pandemic will end soon and we will be able to see the faces of other members more comfortably.

APSIPA ASC 2022 will be one of the important events of the APSIPA Society. It will be held on 7-10 November 2022 in Chiang Mai, Thailand in hybrid mode. The submission deadline for the regular and special session papers is 31 July 2022. Additional information is available at <http://www.apsipa2022.org/>. Recently, higher quality papers are being submitted to the ATSIP journal, and the contents of the papers also cover the latest technologies. I would also like to express my sincere thanks to Professor Kuo, the editor-in-chief, and the members of the Editorial Board for their hard work, and we look forward to your many contributions. On the website, <https://www.nowpublishers.com/SIP>, currently, several issues including "Call for Papers" are posted.

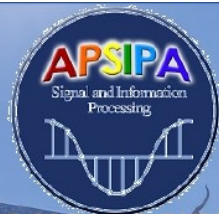
I would like to express my sincere thanks to everyone who has contributed to the publication of this newsletter. Thank you very much, and I hope you enjoy reading this issue.

Sanghoon Lee



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# APSIPA ASC 2022

NOVEMBER 7 - 10, 2022, CHIANG MAI, THAILAND

WWW.APSIPA2022.ORG

## ASIA-PACIFIC SIGNAL AND INFORMATION PROCESSING ASSOCIATION ANNUAL SUMMIT AND CONFERENCE 2022

### Important Dates

June 30, 2022	June 30, 2022	July 31, 2022	July 31, 2022	July 1 to September 15, 2022	August 31, 2022	September 15, 2022	September 15, 2022	November 7-10, 2022
Submission of Proposals for Special Sessions	Submission of Proposals for Forum, Panel & Tutorial Sessions	Submission of Regular Papers	Submission of Special Session Papers	Submission of Research Abstract	Notification of Papers Acceptance	Submission of Camera-Ready Papers	Author (Early-Bird) Registration Deadline	Tutorials, Summit and Conference

APSIPA ASC 2022 ([www.apsipa2022.org](http://www.apsipa2022.org)) is the 14th annual conference organized by Asia-Pacific Signal and Information Processing Association (APSIPA), which will be held on November 7-10, 2022 in Chiang Mai, Thailand. Founded in 2009, APSIPA organization ([www.apsipa.org](http://www.apsipa.org)) aims to promote research and education in signal processing, information technology, and communications. The annual conferences have been held previously in Tokyo, Japan (2021), Auckland, New Zealand (2020), Lanzhou, China (2019), Hawaii, USA (2018), Kuala Lumpur, Malaysia (2017), Jeju, Korea (2016), Hong Kong, SAR China (2015), Siem Reap, Cambodia (2014), Kaohsiung, Taiwan (2013), Los Angeles, USA (2012), Xi'an, China (2011), Singapore (2010), and Sapporo, Japan (2009). APSIPA is interested in all aspects of applications. Please refer to the conference web page for full information. All accepted papers are expected to be included in IEEE Xplore (IEEE Xplore Catalog Numbers:- CFP2214U-ART (Xplore Compliant), CFP2214U-USB (USB), and Online ISSN:- 2640-0103) and indexed by EI, like all previous years. The technical program includes, but not limited to the following areas

- Signal Processing Systems: Design and Implementation
- Signal and Information Processing Theory and Methods
- Speech, Language, and Audio
- Biomedical Signal Processing and Systems
- Image, Video, and Multimedia
- Multimedia Security and Forensics
- Wireless Communications and Networking
- Deep Learning: Algorithm, Implementations, and Applications
- Signal and Information Processing in Education
- Medical Signal Acquisition, Analysis and Processing
- Internet of Things Technology
- Data Analytics and Machine Learning
- Human Biometrics and Security Systems
- Signal and Information Processing for Smart Systems

### Organizing Committee

- **Honorary Co-Chairs**  
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- **Plenary Co-Chairs**  
Hideyuki Sawada, Kasemsak Uthaichana
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- **Publication Co-Chairs**  
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- **Sponsorship Co-Chairs**  
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- **Overview Session Co-Chairs**  
Antonio Ortega, Jing-Ming Guo



## Call for papers of Themed Series in APSIPA T-SIP

### Title: Emerging AI Technologies for Smart Infrastructure

Rapid urbanization presents new challenges to existing physical and digital infrastructure. New infrastructure development is needed in response to rapid population growth and intense economic activities. The emerging research on smart cities offers part of the solution to the challenges, and facilitates the collection of environmental data through the Internet of Things (IoT). Billions of sensors and devices are deployed to collect, process and transmit data and receive feedback after analysis. However, transmitting an enormous amount of data, perceiving complex environment, and making smart decisions in a timely manner is a very demanding task. Recent advances in AI technologies can significantly contribute and provide cost-effective solutions to the smart infrastructure of modern metropolitans.

Since smart infrastructure is a system that can monitor, communicate, analyze and act based on data collected by sensors, challenges exist in many aspects. At present, intelligent sensors are still a dynamic, open and evolving concept. Though the new generation communication technique is developing leaps and bounds, more efficient approaches are in need to make the paradigm faster, greener, and safer. Besides, breakthroughs in various analytic solutions powered by AI are expected to inject vitality into innovations and applications in smart infrastructure. This themed series aims to provide a venue for researchers and practitioners in related fields, to communicate and share ideas and achievements of enabling AI technologies for smart infrastructure. Research topics of interest include but are not limited to:

#### ○ Smart sensors:

- Sensors with intelligent video coding
- Fusion of homogenous and/or heterogeneous data
- Multi-modal sensing
- Sensors with embedded efficient image enhancement
- Management of data uncertainty coming from noisy, missing and conflicting data
- Sensors with low-power or self-power
- Novel design for wearable sensors
- RGB-D sensors and 3D reconstruction

#### ○ Smart communication:

- Trust, security, and privacy in wireless networks
- Networks in Internet of Things (IoT)
- Mobile networks – 5G, 6G and beyond
- Artificial intelligence in networking resource optimizations



- Wireless network architectures
- Data storage, data centers and cloud computing
- High performance networks
- Smart analytics:
  - Machine learning algorithms for sensing data analytics
  - Deep learning for big data
  - Distributed algorithms for big data
  - Computer vision for smart infrastructure
  - Natural language processing for smart infrastructure
  - Multi-modal data analytics
- Applications for smart infrastructure:
  - Structural health monitoring
  - Intelligent transportation systems
  - Smart surveillance with sensor-activated cameras and analytic tools
  - Smart home energy monitor systems
  - Integrated ecosystem for smart cities

Each paper submitted to this series will be reviewed with the first-come-first-serve principle. The first round of decision targets at 4 weeks. Each paper will be published as an open access article immediately after its acceptance. Once all papers in this series are published, they will be assembled into an online book with an editorial written by the guest editorial team. If a paper cannot be accepted within the publication window, it will be changed to a regular paper. If you are interested in paper submission, please refer to:

<https://nowpublishers.com/Journal/AuthorInstructions/SIP>.

**Submission Window:** February 1, 2022 to July 31, 2022

**Publication Window:** March 1, 2022 to September 30, 2022

### **Guest Editorial Team**

Jiaying Liu, Peking University

Wen-Huang Cheng, National Yang Ming Chiao Tung University

Jenq-Neng Hwang, University of Washington

Ivan Bajic, Simon Fraser University

Shiqi Wang, City University of Hong Kong

Junseok kwon, Chung-Ang University

Ngai-Man Cheung, Singapore University of Technology and Design

Rei Kawakami, Tokyo Institute of Technology

## Call for papers of Themed Series in APSIPA T-SIP

### Title: Learning, Security, AIoT for Emerging Communication/Networking Systems

Differential service needs have been the driving force for emerging communication/networking systems to serve as an innovative platform for digital convergence of information, control and management, based on cutting-edge technologies such as 5G/B5G-driven AI and IoT (5G-AIoT), powered by software defined networking (SDN), network functions virtualization (NFV) and multi-access edge computing (MEC). In particular, security and mobile edge intelligence are the main challenges to pursue smart-and-safe 5G-AIoT application scenarios. By connecting everyone to everything, the smart-and-safe 5G-AIoT technology is expected to bring about a new technological and industrial revolution, such as low-latency from-core-to-edge intelligence for connected vehicles/drones and tactile internet. As billions of devices use the 5G/B5G radio access network (RAN), it will increase the risk of RAN resources overloaded by some attacks, such as DDoS. In addition, network slicing is a fundamental architecture component of the 5G/B5G. Network slicing also brings up a number of security issues from slice isolation to concurrent multiple access to slices by a single user. For smart applications of internet of things (IoT), edge intelligence is important and can be achieved via machine learning such as collaborative or cooperative leaning, where the former aims for a common goal, and the latter for individual goals.

This themed series aims to provide a venue for researchers and practitioners in related fields, to communicate and share ideas and achievements of enabling smart-and-safe 5G-AIoT. Research topics of interest include but are not limited to:

- Emerging 5G/B5G technologies
  - SDN/NFV based 5G/B5G core and edge networking
  - SDN/NFV based 5G/B5G RAN networking and communication
  - 5G/B5G core and edge network slicing
  - 5G/B5G RAN slicing
  - Open RAN design
- Security Issues
  - Security of SDN
  - Security of NFV
  - Security of RAN
  - Security of MEC



- Edge Intelligence and Learning
  - 5G/B5G edge intelligence
  - 5G/B5G collaborative learning
  - 5G/B5G cooperative learning
  - Machine learning applications in any aspects of perceptual tasks
- Applications for IoT:
  - Intelligent IoT (AIoT) near the mobile edge
  - Industrial IoT (IIoT) and vertical applications
  - Internet of vehicles (IoV)
  - Tactile Internet

Each paper submitted to this series will be reviewed with the first-come-first-serve principle. The first round of decision targets at 5 weeks. Each paper will be published as an open access article immediately after its acceptance. Once all papers in this series are published, they will be assembled into an online book with an editorial written by the guest editorial team. If a paper cannot be accepted within the publication window, it will be changed to a regular paper. If you are interested in paper submission, please refer to:

<https://nowpublishers.com/Journal/AuthorInstructions/SIP>.

**Submission Window:** April 1, 2022 to July 31, 2022

**Publication Window:** June 1, 2022 to September 30, 2022

### **Guest Editorial Team**

Jia-Ching Wang, National Central University

Wen-Ping Lai, Yuan Ze University

Po-Chiang Lin, Yuan Ze University

Shinsuke Ibi, Doshisha University

Wenyi Zhang, University of Science and Technology of China

Guan Gui, Nanjing University of Posts and Telecommunications

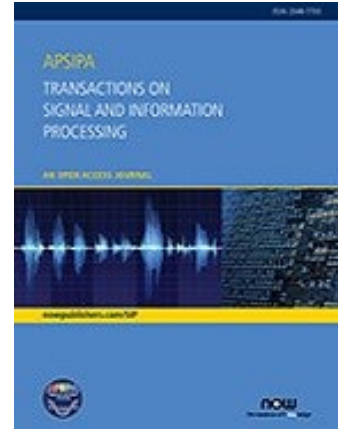
Thuong Le-Tien, Hochiminh City University of Technology

Seksan Mathulaprangsan, Kasetsart University

## Call for papers of Themed Series in APSIPA T-SIP

### Title: Advanced Acoustic, Sound and Audio Processing Techniques and Their Applications

With recent advances in sensing, computing, and communication capabilities, vast amounts of acoustic, sound, and audio (ASA) data can be easily accessed. With such a large and wide variety of data, it is possible to build systems for various applications based on state-of-the-art artificial intelligence (AI) algorithms. Although many AI-based systems with novel data and system architectures have been developed, there is still room for further performance improvements and directions for further exploration. This themed series aims to promote further research on pattern recognition, information retrieval, and front-end processing (enhancement, separation, and noise cancellation) of ASA signals. We welcome submissions on emerging topics, novel algorithms, and advanced architecture and feature processing of ASA data. We also encourage submissions discussing practical issues of ASA data recording/capturing and system designs and potential solutions. Research topics of interest include but are not limited to:



- Biological and Biomedical Acoustic Signal Processing
  - Multi-modal learning
  - Biological sound collection and processing
  - Impaired voice transformation
  - Assistive hearing technologies
  - Physiological sound processing
  - Pathological disordered voice classification
- Advanced Signal Processing and Machine Learning for Audio and Speech Applications
  - Source separation
  - Source localization
  - Dereverberation
  - Noise reduction
  - Virtual acoustic reproduction
- Recent Advances in Active Control of Sound
  - Signal processing and algorithms for active sound control
  - Machine learning for active sound control
  - Virtual (3-D) sound control
  - Applications of active sound control

○ Advanced Topics on Sound Event and Scene Analysis

- Acoustic scene classification
- Sound event detection
- Sound event localization
- Anomalous sound detection
- Learning from weakly-labeled data
- Audio tagging
- Real-world application of scene analysis

Each paper submitted to this series will be reviewed with the first-come-first-serve principle. The target of the first round of decision-making is 5 weeks, and the period of the first round of revision is 2 weeks. The paper will be accepted between 8-12 weeks (depending on 1 or 2 revisions). Each paper will be published as an open access article immediately after its acceptance. Once all papers in this series are published, they will be assembled into an online book with an editorial written by the guest editorial team. If a paper cannot be accepted within the publication window, it will be changed to a regular paper. If you are interested in paper submission, please refer to:

<https://nowpublishers.com/Journal/AuthorInstructions/SIP>.

Any further questions, please contact: [yu.tsao@citi.sinica.edu.tw](mailto:yu.tsao@citi.sinica.edu.tw)

**Submission Window:** July 1, 2022 to October 31, 2022

**Publication Window:** September 1, 2022 to December 31, 2022

**Guest Editorial Team**

Yu Tsao, Academia Sinica

Shoji Makino, Waseda University

Yoshinobu Kajikawa, Kansai University

Nobutaka Ono, Tokyo Metropolitan University



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## Latest Articles from APSIPA Transactions on Signal and Information Processing (ATSIP)

Original paper

- **Psycho-linguistic Differences among Competing Vaccination Communities on Social Media**
  - Jialiang Shi, Piyush Ghasiya and Kazutoshi Sasahara
  - DOI: <http://dx.doi.org/10.1561/116.00000056>
  - Published online: 25 May 2022, e15
  
- **Maximum Credibility Voting (MCV) – An Integrative Approach for Accurate Diagnosis of Major Depressive Disorder from Clinically Readily Available Data**
  - Yu Shimizu, Junichiro Yoshimoto, Masahiro Takamura, Go Okada, Tomoya Matsumoto, Manabu Fuchikami, Satoshi Okada, Shigeru Morinobu, Yasumasa Okamoto, Shigeto Yamawaki and Kenji Doya
  - DOI: <http://dx.doi.org/10.1561/116.00000042>
  - Published online: 23 May 2022, e14
  
- **Onoma-to-wave: Environmental Sound Synthesis from Onomatopoeic Words**
  - Yuki Okamoto, Keisuke Imoto, Shinnosuke Takamichi, Ryosuke Yamanishi, Takahiro Fukumori and Yoichi Yamashita
  - DOI: <http://dx.doi.org/10.1561/116.00000049>
  - Published online: 23 May 2022, e13
  
- **Self-Supervised Motion-Corrected Image Reconstruction Network for 4D Magnetic Resonance Imaging of the Body Trunk**
  - Thomas Küstner, Jiazhen Pan, Christopher Gilliam, Haikun Qi, Gastao Cruz, Kerstin Hammernik, Thierry Blu, Daniel Rueckert, René Botnar, Claudia Prieto and Sergios Gatidis
  - DOI: <http://dx.doi.org/10.1561/116.00000039>
  - Published online: 09 May 2022, e12
  
- **An Overview of Compressible and Learnable Image Transformation with Secret Key and its Applications**
  - Hitoshi Kiya, April Pyone Maung Maung, Yuma Kinoshita, Shoko Imaizumi and Sayaka Shiota
  - DOI: <http://dx.doi.org/10.1561/116.00000048>
  - Published online: 09 May 2022, e11

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## Most Read Articles from ATSIP

<https://www.cambridge.org/core/journals/apsipa-transactions-on-signal-and-information-processing/most-read>

- **An overview of channel coding for 5G NR cellular communications**
  - Jung Hyun Bae, Ahmed Abotabl, Hsien-Ping Lin, Kee-Bong Song, Jungwon Lee
  - DOI: <https://doi.org/10.1017/ATSIP.2019.10>
  - Published online: 24 June 2019, e17
- **Graph representation learning: a survey**
  - Fenxiao Chen, Yun-Cheng Wang, Bin Wang, C.-C. Jay Kuo
  - DOI: <https://doi.org/10.1017/ATSIP.2020.13>
  - Published online: 28 May 2020, e15
- **Evaluating word embedding models: methods and experimental results**
  - Bin Wang, Angela Wang, Fenxiao Chen, Yuncheng Wang, C.-C. Jay Kuo
  - DOI: <https://doi.org/10.1017/ATSIP.2019.12>
  - Published online: 08 July 2019, e19

## Most Downloaded Articles from ATSIP for the Last 3 Months

- **Bridging Gap between Image Pixels and Semantics via Supervision: A Survey**
  - Jiali Duan and C.-C. Jay Kuo
  - DOI: <http://dx.doi.org/10.1561/116.00000038>
  - Published online: 24 Feb 2022, e2
- **Recent Advances on Non-Line-of-Sight Imaging: Conventional Physical Models, Deep Learning, and New Scenes**
  - Ruixu Geng, Yang Hu and Yan Chen
  - DOI: <http://dx.doi.org/10.1561/116.00000019>
  - Published online: 21 Feb 2022, e1
- **Advances in anti-spoofing: from the perspective of ASVspoof challenges**
  - Madhu R. Kamble, Hardik B. Sailor, Hemant A. Patil and Haizhou Li
  - DOI: <http://dx.doi.org/10.1017/ATSIP.2019.21>
  - Published online: 15 Jan 2020, e2

## **APSIPA Distinguished Lecturer Program**

### **Lectures (January to May, 2022)**

Speaker: Professor Fei Chen, Southern Univ of Sci and Tech

Lecture Title: AI-driven brain computer interfaces for improving speech communication

Date: 22 March, 2022

Venue: Shenzhen

Host: 2022 China-Japan Artificial Intelligence for Innovation Conference

Speaker: Professor Fei Chen, Southern Univ of Sci and Tech

Lecture Title: Improving human speech communication via brain-computer interface technologies

Date/Place: 25-26 March, 2022

Venue: Hong Kong. <http://icsht-2022.hkmu.edu.hk/#keynotes>

Host: 2022 International Conference on Smart Health Technology

Speaker: Professor Shang-Ho Tsai, Nat Yang Ming Chiao Tung Univ

Lecture Title: Physical Beam Sharing in mmWave Communications and over-the-air Testing

Date/Place: 1 April, 2022

Venue: National Sun Yat-sen University

Host: Institute of Communications Engineering, National Sun Yat-sen University

Speaker: Professor Zhanyu Ma, Beijing Univ of Posts and Telecom

Lecture Title: Statistical Model-based Optimization Method for Deep Neural Networks

Date/Place: 2 April, 2022

Venue: Beijing

Host: Beijing Normal University

Speaker: Professor Zhanyu Ma, Beijing Univ of Posts and Telecom

Lecture Title: Preliminary Study of Fine-grained Visual Classifications

Date/Place: 2 April, 2022

Venue: Shanghai (Virtual Workshop)

Host: Tongji University

Speaker: Professor Zhanyu Ma, Beijing Univ of Posts and Telecom

Lecture Title: Statistical Model-based Optimization Method for Deep Neural Networks

Date/Place: 2 April, 2022,

Venue: Changsha (Virtual Workshop)

## **APSIPA Distinguished Lecturer Program Lectures (January to May, 2022)**

Speaker: Professor Fei Chen, Southern Univ of Sci and Tech

Lecture Title: Auditory attention detection with a segmented decoding model

Date/Place: 9 April, 2022

Venue: Guangzhou (Virtual Workshop)

Host: 2022 Southern Auditory Medicine Summit (SAMS 2022)



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## APSIPA Membership

Asia-Pacific of Signal and Information Processing Association (APSIPA) is an international association that promotes the advancement of signal and information processing research and development. This includes fostering international research exchange and nurturing young students and researchers to excel in our field. Signal and information processing is a core subject that finds its niche in many disciplines so advancements in SIP will benefit all these fields. The membership fees are greatly reduced to make APSIPA services available to as many people as possible and accordingly contribute widely to proliferate knowledge, which is one of the APSIPA missions.

To motivate APSIPA members to participate in APSIPA conferences, the registration for the [14th APSIPA conference](#) implies an automatic renewal of APSIPA membership up to the end of December 2023. Online Registration will open in September 2022.

### Membership Benefits:

- Links to highly qualified people within the organization to develop research, technology, teaching, and career
- Discount fee on APSIPA conferences
- Reduced subscription fee for APSIPA journals
- Access to information about the international activities in signal and information processing such as conferences, continuing education, short courses, seminars, distinguished lecture series, student internships, scholarships, job listings, publication venues, and mentorships

### Membership Categories:

There are two main categories in APSIPA membership:

#### 1. Individual Memberships

- Student Membership: members are those who are enrolled full time in universities, institutes, or any accredited degree.
- Membership: Full members are individuals interested in being part of the APSIPA mission to excel signal and information processing field. They are eligible to vote, hold positions in APSIPA association, and contribute to serve as editorial board and program committee members in APSIPA journals and conferences.
- Life Membership: Full members may choose to subscribe as life members pending on paying the discount fee of life membership. Early-bird registration fee is available for life members at all times when registering for APSIPA ASC.

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## 2. Patron Memberships

- Patron Members shall consist of those institutions, companies, laboratories or other organizations in signals and information processing, and which shall be from time to time elected to membership in accordance with the Bylaws of the Association.

## Membership subscription Fees

### 1. Individual Memberships

Type of membership	Fees in US\$	Fees in HK\$
Student Membership	10 (per annual)	78 (per annual)
Full Membership	30 (per annual)	234 (per annual)
Life Membership	300 (a one-off fee)	2340 (a one-off fee)

### 2. Patron Memberships

The patron membership fee is decided upon agreement with APSIPA based on the type of organisation and number of participants.

## A Tour of the APSIPA Website ([www.apsipa.org](http://www.apsipa.org))

The APSIPA website is the major interface between APSIPA and its members. From the APSIPA website, as shown in Fig. 1, members can update their personal information and renew their membership, obtain information about APSIPA, and enjoy the various resources provided. In this article, we will guide you on a tour around the website, so you can gain the most from it.

First of all, each member is provided with a membership number, which is composed of a letter, followed by six digits. The first letter is either S or M, which signifies you are a student member or a full/life member. The first two digits represent the year you became an APSIPA member. You become an APSIPA member when you join us through the “Membership & Promotion” web page or you attended an APSIPA Annual Summit and Conference.

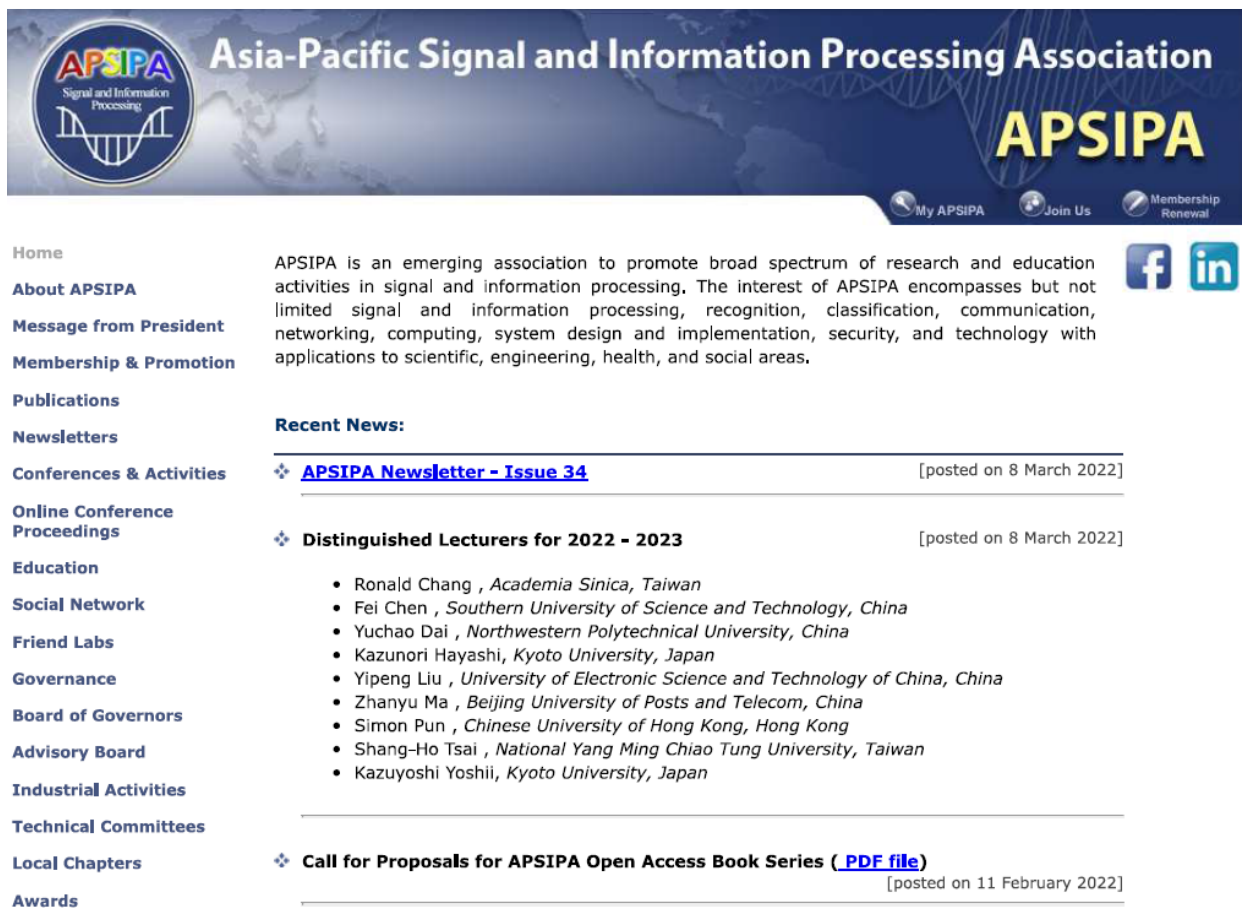


Fig. 1: The APSIPA website, with “My APSIPA”, “Join US”, and “Membership Renewal” in the lower righthand corner of the header.

APSIPA members may check their membership status, view and update their personal details, and retrieve their username and password by visiting the APSIPA website, where you click on “My APSIPA”, as shown in Fig. 1, or this link directly: [www.apsipa.org/login.asp](http://www.apsipa.org/login.asp). You may also use your email address to retrieve your username and password by clicking on the button “Membership Renewal”.

On the lefthand side of the APSIPA website, you may find a side bar, where you will find the buttons for the various APSIPA webpages. From these web pages, you may find information about APSIPA and various resources available from APSIPA. You are strongly advised to explore the webpages to learn more about APSIPA.

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Here, we introduce some of the web pages which provide useful resources to APSIPA members.

## **Publications**

There are three web pages under the Publications webpage: APSIPA Transactions, Book Series, and Other Publications.

APSIPA Transactions on Signal and Information Processing (A-TSIP, [www.apsipa.org/pub\\_atsip.htm](http://www.apsipa.org/pub_atsip.htm)) is an open-access e-journal, which is also the most important publication from APSIPA. The Editor-in-Chief is Prof. C.-C. Jay Kuo. From the A-TSIP web page, you may find the link to the journal and a list of the papers, categorized according to their topics. Members are highly encouraged to submit their research outputs to A-TSIP. It is also worth noting that an APSIPA Sadaoki Furui Paper Award is selected from A-TSIP, and the award is presented at APSIPA ASC each year. The awardee will receive a prize of USD1,000.

The APSIPA Open Access Book Series ([www.apsipa.org/pub\\_atsip.htm](http://www.apsipa.org/pub_atsip.htm)) was launched in 2021. APSIPA members are welcome to submit book proposals to APSIPA. The Editor-in-Chief of the APSIPA Book Series is Prof. Nam Ik Cho.

Under Other Publications ([www.apsipa.org/pub\\_other.htm](http://www.apsipa.org/pub_other.htm)), you may find the “APSIPA Magazine”, which was published to celebrate the APSIPA’s 10th Anniversary.

## **Newsletters ([www.apsipa.org/newsletter.htm](http://www.apsipa.org/newsletter.htm))**

The first issue of the APSIPA Newsletter was published in April 2012, with the aim to provide members with updated information and activities from APSIPA. The Editor-in-Chief of the APSIPA Newsletter is Prof. Sanghoon Lee.

## **Conferences & Activities ([www.apsipa.org/conf.htm](http://www.apsipa.org/conf.htm))**

The APSIPA Annual Summit and Conference is the flagship conference of APSIPA, where the Annual General Meeting will also be held. The first edition of the conference was held in 2009, in Sapporo, Japan. This year, the 14th edition of the conference will be held in Chiangmai, Thailand, on 7-10 November, 2022. On this webpage, you may find all the previous APSIPA ASC websites.

## **Online Conference Proceedings ([www.apsipa.org/proceedings.htm](http://www.apsipa.org/proceedings.htm))**

In addition to IEEE Xplore, all the papers in the APSIPA ASC Proceedings are also accessible from this webpage. All the Proceedings are free to download.

## **Education ([www.apsipa.org/edu.htm](http://www.apsipa.org/edu.htm))**

One of the educational activities of APSIPA is the Distinguished Lecturer Program. From this web page, you may find the details of the program and our current and previous Distinguished Lecturers.



## **Friend Labs ([www.apsipa.org/friendlab/FriendLabs.htm](http://www.apsipa.org/friendlab/FriendLabs.htm))**

APSIPA friends and members may apply to create a Friend Lab, which will be listed on this web page. Currently, there are about 280 Friend Labs from 18 different regions/countries. You are welcome to apply for a Friend Lab, so your research laboratory is promoted to all APSIPA friends and members.

## **Industrial Activities ([www.apsipa.org/industrial.htm](http://www.apsipa.org/industrial.htm))**

APSIPA has close relations with the signal and information industry. In APSIPA, the APSIPA Industrial Governance Board was established, which was led by the VP of Industrial Relations and Development. Members of this Board work with the industry to submit articles to A-TSIP and APSIP ASC. They also organize industrial activities, such as Industrial Forums, at the APSIPA ASC every year.

## **Local Chapters ([www.apsipa.org/chapter/](http://www.apsipa.org/chapter/))**

APSIPA started the Local Chapter system at the beginning of 2020. APSIPA spans more than 20 countries in the Asia-Pacific region, but local Chapters serve APSIPA members by holding meetings at the local level. Currently, there are three APSIPA Local Chapters, which are from Japan, Taiwan, and the US. If you're interested in connecting with professionals, academics and students in your region, getting involved locally provides exciting opportunities for networking, research, and project collaboration with others.

## **Photo Gallery ([www.apsipa.org/photo/photo.htm](http://www.apsipa.org/photo/photo.htm))**

In the photo gallery, you can see photos from different APSIPA activities.

## **Video Archive ([www.apsipa.org/video/](http://www.apsipa.org/video/))**

This video archive is accessible to APSIPA members only, i.e., you must log in with your username and password. In this archive, you may find the videos of previous APSIPA activities, e.g., keynote speeches and tutorials from APSIPA ASC, Local Chapters, etc.

APSIPA is a big family. You are very welcome to join us and enjoy the activities organized. If you want to know the people in APSIPA, please visit the following web pages: “Board of Governors”, “Advisory Board”, “Technical Committees”, and “Headquarters”, on the APSIPA website.



## Call for Book Proposals

### APSIPA Open Access Book Series

[APSIPA](#) is launching the APSIPA Open Access Book Series in collaboration with the [NOW Publishers](#) and [Springer](#) publisher. By publishing a book through the APSIPA Open Access Book Series, authors can benefit from increased visibility, faster production, and no production fee. These books can be textbooks, multi-author edited volumes, research monographs, etc. At least one author of each of the books must be an [APSIPA member](#), and they can choose the publisher and the mode of publication.

#### **Aims:**

APSIPA is an association, which promotes research and education on signal and information processing, and publishing Open Access Books is an effective way to achieve our goals. The advantages of Open Access Book are the increased visibility, low production fees, and a faster production process. APSIPA will support all production fees and share the revenue with the authors. Also, APSIPA Editorial Board will support the peer review process and manage the production process with the publishers.

#### **Proposal Submission:**

We invite prospective authors to submit the title, authors, book types (textbook, research monograph, handbook, multi-author edited book, etc.), contents, and a sample chapter. Also, please provide a one-page description of the aim and importance of the book. Please provide these materials in a free format to the [Editor-in-Chief](#), Prof. Nam Ik Cho, via email to [nicho@snu.ac.kr](mailto:nicho@snu.ac.kr). When the proposal is accepted, the manuscript for the peer review needs to be submitted within eight months from the acceptance notification. Please visit [here](#) for details of the book production process and revenue sharing with APSIPA.

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## Summary of Links

- APSIPA ASC 2022: <http://www.apsipa2022.org/>
- APSIPA Transaction on Signal and Information Processing: <http://journals.cambridge.org/sip>
- Paper Submission to APSIPA Transaction on Signal and Information Processing: <http://mc.manuscriptcentral.com/apsipa>
- APSIPA Industrial Activities: <http://www.apsipa.org/industrial.htm>
- APSIPA Friend's Lab: <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 Magazine: [http://www.apsipa.org/doc/magazine/apsipa\\_magazine2018.pdf](http://www.apsipa.org/doc/magazine/apsipa_magazine2018.pdf)
- APSIPA Photo Gallery: <http://www.apsipa.org/photo/photo.htm>

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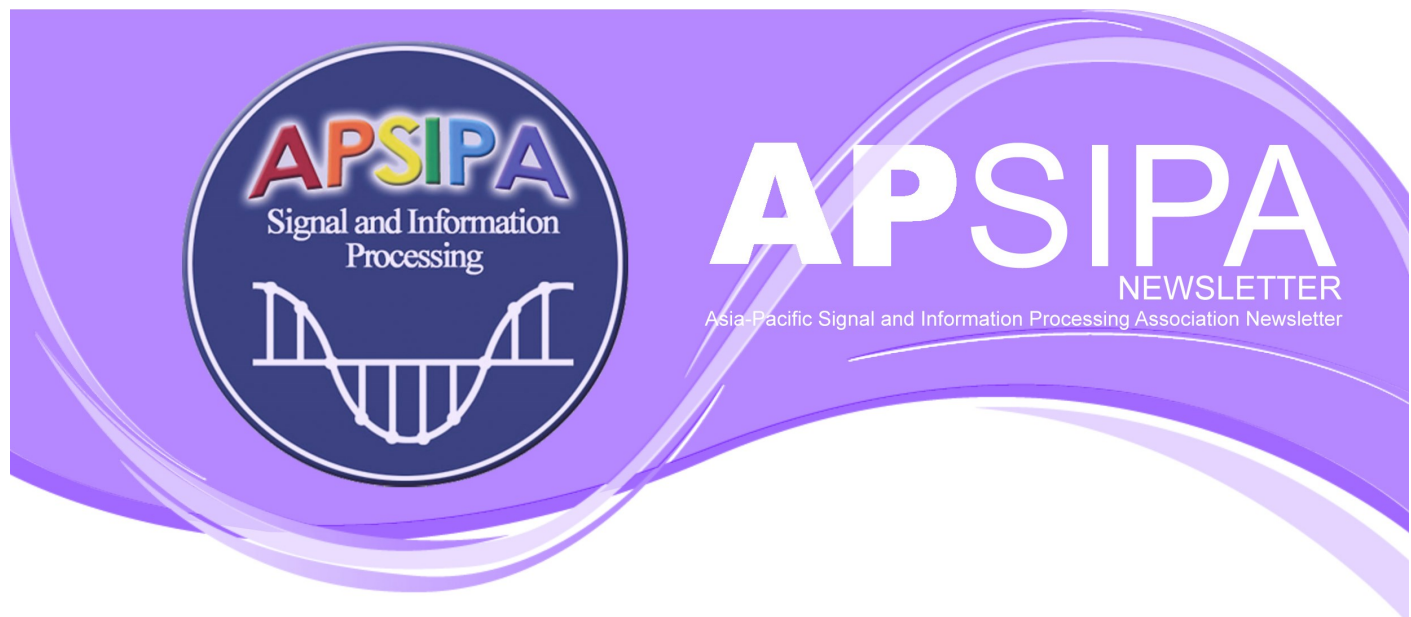
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**<http://www.apsipa.org>**