



# APSIPA ASC 2023

Asia Pacific Signal and Information Processing Association  
Annual Summit and Conference 2023

OCTOBER 31-NOVEMBER 3, 2023 | TAIPEI, TAIWAN

Prevalence of Artificial Intelligence with Signal and Information Processing

## CALL FOR PAPERS

### IMPORTANT DATES

May 3, 2023	May 3, 2023	June 7, 2023	June 7, 2023	July 19, 2023	August 2, 2023	August 2, 2023
Submission Deadline of Special Session Proposal	Submission Deadline of Proposals for Forum, Panel and Tutorial	Submission Deadline of Regular Paper	Submission Deadline of Special Session Paper	Notification of Paper Acceptance	Submission Deadline of Camera Ready Paper	Deadline of Early Bird Registration

### INTRODUCTION

APSIPA ASC 2023 ([www.apsipa2023.org](http://www.apsipa2023.org)) is the 15th annual conference organized by Asia-Pacific Signal and Information Processing Association (APSIPA), which will be held on October 31-November 3, 2023 in Taipei, Taiwan. 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 Chiang Mai, Thailand (2022), Tokyo, Japan (2021), Auckland, New Zealand (2020), Lanzhou, China (2019), Hawaii, USA (2018), Kuala Lumpur, Malaysia (2017), Jeju, Korea (2016), Hong Kong, China (2015), Siem Reap, Cambodia (2014), Kaohsiung, Taiwan (2013), Los Angeles, USA (2012), Xi'an, China (2011), Biopolis, 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 will be included in IEEE Xplore and indexed by EI, like all previous years. The technical program includes, but not limited to the following areas.

### TOPICS

- 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**  
K. J. Ray Liu  
C.-C. Jay Kuo  
Haizhou Li  
Wan-Chi Siu  
Hitoshi Kiya
- **Advisory Committee Co-Chairs**  
Chung-Nan Lee  
Chung-Hsien Wu  
Tatsuya Kawahara  
Woon-Seng Gan  
Min Wu
- **General Co-Chairs**  
Jing-Ming Guo  
Gwo-Giun Lee  
Shih-Fu Chang  
Anthony Kuh
- **TPC Co-Chairs**  
Hsin-Min Wang  
Wen-Hsiao Peng  
Chia-Hung Yeh  
Yu-Chao Dai  
Beth Jelfs  
Jen-Tzung Chien  
Minoru Kuribayashi  
Jun Du  
Hiroshi Tsutsui  
Po-Chiang Lin
- **Finance Co-Chairs**  
Kun-Chih Chen  
Tien-Ying Kuo  
Sayaka Shiota
- **Plenary Co-Chairs**  
Kenneth Lam  
Yih-Fang Huang
- **Special Session Co-Chairs**  
Jian-Jiun Ding  
Li-Wei Kang  
Toshihisa Tanaka  
Chee Seng Chan
- **Award Co-Chairs**  
Hsueh-Ming Hang  
Ching-Te Chiu  
Thomas Fang Zheng  
Kosin Chamnongthai  
Antonio Ortega
- **Tutorial Co-Chairs**  
Guo-Shiang Lin  
Kazuya Takeda  
KokSheik Wong
- **Publicity Co-Chairs**  
Yin-Tsung Hwang  
Chun-Shien Lu  
Sanghoon Lee  
Bonnie Ngai-Fong Law
- **Publication Co-Chairs**  
Ting-Lan Lin  
Yoshinobu Kajikawa  
Zhaoxia Yin
- **Industrial Forum Co-Chairs**  
Chii-Wann Lin  
Wen-Liang Hwang  
Seishi Takamura  
Arun Kumar Sangaiah
- **Sponsorship and Exhibition Chair**  
Kevin Tseng
- **Local Arrangement Chairs**  
Pei-Yun Tsai  
Chih-Hsien Hsia
- **Overview Section Chair**  
Chuan-Yu Chang
- **Winter School Chairs**  
Mu-Yen Chen  
Mingyi He