

# 2024 IEEE APCCAS & PrimeAsia

20<sup>th</sup> IEEE Asia Pacific Conference on Circuits and Systems & IEEE Asia Pacific Conference on Postgraduate Research in Microelectronics and Electronics

November 7-9, 2024 | Taipei, Taiwan



The IEEE Asia Pacific Conference on Circuits and Systems 2024 (APCCAS) and the IEEE Asia Pacific Conference on Postgraduate Research in Microelectronics and Electronics 2024 (PrimeAsia 2024) are the regional flagship conferences of the IEEE Circuits and Systems Society in the Asia and Pacific Region.

APCCAS 2024 and PrimeAsia 2024 will be held at the CHANG YUNG-FA FOUNDATION International Convention Center (CYFF) in Taipei, Taiwan, from November 7th to 9th, 2024. The main theme of the conference is **"Circuits and Systems Enabling Smart and Multi-Health Living"**. The events aim to explore the pervasive integration of circuits and systems into human life, showcasing their intelligent applications across various sectors. This conference highlights smart circuits and systems, particularly their impact on health environments in diverse sectors such as agriculture, forestry, animal husbandry, medicine, and various social dimensions.

The objective of APCCAS 2024 is to share the latest research in areas related to circuits and systems. PrimeAsia 2024 aims to provide opportunities for postgraduate students (Masters and PhD) to present their research work and to interact with scientists and engineers in the research community and industry. APCCAS 2024 and PrimeAsia 2024 will feature keynote sessions, technical paper presentations, exhibitions, and social programs to offer a platform for cutting-edge discussions and collaborations.

## Call for Papers

The APCCAS is a major international forum for researchers, scientists, educators, students and engineers to exchange their latest findings in circuits and systems. It covers a wide range of topics including, but not limited to the following:

- Artificial Intelligence Circuits, Systems, and Applications
- Digital Integrated Circuits and Systems
- Analog and Mixed Signal Circuits and Systems
- Power and Energy Circuits and Systems
- Biomedical Circuits and Systems
- Sensory Circuits and Systems
- RF/Communications Circuits and Systems
- Beyond CMOS: Nanoelectronics and Hybrid Systems Integration

## Important Dates

- Special Session Proposals Deadline: April 30, 2024
- Tutorial Proposals Deadline: April 30, 2024
- Regular Paper Submission Deadline: ~~June 20, 2024~~ ~~June 27~~ **EXTENSION!** **July 2, 2024**
- Live Demo Submission Deadline: July 15, 2024
- PrimeAsia Submission Deadline: July 15, 2024
- Author Notification Date: August 23, 2024
- Early Bird Registration/Final Paper Submission Deadline: September 15, 2024
- Conference Registration Deadline: October 15, 2024

## Organizing Committee

### Honorary Co-chairs

**Myung Hoon Sunwoo**  
Ajou University, Korea

**Chen-Hao (Robert) Chang**  
National Chung Hsing University, Taiwan

### General Co-chairs

**Kea-Tiong (Samuel) Tang**  
National Tsing Hua University, Taiwan

**Shuenn-Yuh Lee**  
National Cheng Kung University, Taiwan

### Technical Program Co-chairs

**Tsung-Hsien Lin**  
National Taiwan University, Taiwan

**Yongfu Li**  
Shanghai Jiao Tong University, China

### Special Session Co-chairs

**Lan-Dar Van**  
National Yang Ming Chiao Tung University, Taiwan

**Kyeong-Sik Min**  
Kookmin University, Korea

**Yuan Du**  
Nanjing University, China

### Tutorial Co-chairs

**Ping-Hsuan Hsieh**  
National Tsing Hua University, Taiwan

**Hanho Lee**  
Inha University, Korea

**Kohei Miyase**  
Kyushu Institute of Technology, Japan

### Publication Chair

**Chia-Wen Lin**  
National Tsing Hua University, Taiwan

### Local Arrangements Co-chairs

**Sheng-Yu Peng**  
National Taiwan University of Science and Technology, Taiwan

**Hsiao-Chin Chen**  
National Taiwan University of Science and Technology, Taiwan

### Finance Chair

**Yuan-Hao Huang**  
National Tsing Hua University, Taiwan

### Publicity Chair

**Bo-Cheng Lai**  
National Yang Ming Chiao Tung University, Taiwan

### Live Demo Chair

**Yu-Te Liao**  
National Yang Ming Chiao Tung University, Taiwan

### DEI Chair

**Yoko Uwate**  
Tokushima University, Japan

### Industrial Liaison

**Rajiv Joshi**  
IBM T. J. Watson Research Center

**Bor-Song Liang**  
Mediatek, Taiwan

