

2023 Asia-Pacific Microwave Conference, APMC 2023



Honorary Chairs: Song-Tsuen Peng

Powen Hsu

Kin-Lu Wong

Ching-Kuang Clive Tzuang

General Chair: Jen-Tsai Kuo

General Co-Chairs: Hsi-Tseng Chou

Sheng-Fuh Chang

Sponsorship Guideline

Organizers:

Chang Gung University & Taiwan Microwave Association

Co-Organizers:

National Taiwan University, National Chung Cheng University &

National Yang Ming Chiao Tung University

Taipei International Convention Center

2023/12/05 – 2023/12/08

Background of APMC 2023

2023 Asia-Pacific Microwave Conference (APMC 2023), is the top and most important large-scale microwave international academic conference in the Asia-Pacific region recognized by industry, government and academia, dedicated to international exchange and promotion of research and application of microwave, radio and radio frequency circuits, antennas, electromagnetic compatibility and other related fields. Since the first conference was held by India in 1986, it has a long history of 35 years. APMC is held once a year. The unspoken rule in the last 20 years is that Japan hosts it every 4 years, while Taiwan, Mainland China, Hong Kong, Singapore, Australia, South Korea, India and other countries take turns to host it. Recently, Malaysia and Indonesia have joined the list of host countries. The host country has been determined 10 years ago or even earlier, which shows that countries pay great attention to this conference. Taiwan undertook APMC for the first time in 1994, hosted by Professor Song-Tsuen Peng (IEEE Fellow) of National Chiao Tung University (now as National Yang Ming Chiao Tung University). In 2001, Professor Powen Hsu (IEEE Fellow) of National Taiwan University served as the General Chair for the second APMC hosted in Taiwan. In 2012, Professor Kin-Lu Wong of National Sun Yat-sen University served as the General Chair for third APMC hosted in Taiwan. Especially since the 1990s, radio and network technologies (5G and 6G mobile communications) have been growing rapidly all over the world. Taiwan plays an important role in microwave, radio frequency IC and antenna circuit design, wireless communication software and hardware technology, etc. with pivotal contribution. Being able to host the APMC in 2023 is obviously an extremely rare opportunity for Taiwan. As a result, we chose the Taipei International Convention Center (TICC, adjacent to the World Trade Center) on Xinyi Road. It not only has convenient transportation, but also has a comfortable accommodation environment around it. It is an ideal international conference center, providing quite ample space for academic seminars and industrial and commercial exhibitions, which will surely attract more international experts, scholars and relevant industry operators to participate enthusiastically.

The themes of the papers planned and published in this international conference are multi-faceted, covering academic seminars such as microwave active and passive circuits, radio frequency ICs, antennas and propagation, electromagnetic theory and electromagnetic compatibility, as well as other related application topics such as wireless communication industry, low-orbit satellite development, radio frequency IC and antenna measurement forum. At the same time, relevant industry operators are invited to conduct on-site exhibitions to promote industry-university exchanges and interactions, so that experts and scholars from various countries can further promote international exchange and connection with industry operators in the wireless communication, consumer electronics, and

measurement technology industries.

The preparatory team for the APMC 2023 conference, with the support of Taiwan Microwave Association, consists of Professor Jen-Tsai Kuo (IEEE Fellow) from the Department of Electronic Engineering, Chang Gung University as the General Chair, while Professor Hsi-Tseng Chou, Director of Graduate Institute of Communication Engineering, National Taiwan University (2021 NSTC Outstanding Research Award, IEEE Fellow) and Professor Sheng-Fuh Chang of Department of Electrical Engineering, National Chung Cheng University (2021~2023, NSTC communications engineering convener, IEEE Trans. MTT Assoc. Editor) served as the General Co-Chairs. Professors from universities across the country and industry operators of microwave and antennas (see CFP) are invited to work together for the conference organization.

According to the records (the report of oversea participation in international conferences by NSTC), before the spread of COVID-19, 585 papers were published in APMC 2018 in Kyoto, Japan (the paper acceptance rate was 67.8%), and it is thus estimated that the number of participants reached 800. In APMC 2019 in Singapore, 720 papers were published (67.67% paper acceptance rate), and it is estimated to have 1000 participants. Although the pandemic has been ongoing as of August 2022. Europe, the United States, South Korea and Japan have all opened their borders. This is indeed the development trend that the pandemic has become less severe. Therefore, experts, scholars and students of microwave and wireless technology from various countries are quite likely to participate in APMC 2023, which may result in a peak number of participants in APMC. Furthermore, it is estimated that 100 to 150 of the most outstanding microwave and radio technology master and doctoral students in Taiwan (with a favorable registration fee) will participate in the event. This is not only an opportunity for them to learn professional academics and technologies, but also an excellent opportunity to understand industry trends and distribution, which is also one of the important goals that this conference strives to achieve.

Conference Content

APMC 2023 will be held from December 5 to December 8. The main activities include short courses by internationally renowned scholars, workshops, invited talks, special sessions, academic papers oral sessions, poster sessions, and industry booths, where software and hardware development tools, measuring instruments, and product presentations related to antenna and radio wave applications will be held. The most representative ones are two plenary talks, which will be delivered by representatives of TSMC and MediaTek. The themes are both related to top wireless communication technologies, which will start right after the opening of the conference, which is bound to attract domestic and foreign audiences from the industry, government and academia. In addition to academic exchanges and industry product demonstrations, the organizers will also arrange welcome reception, awards banquets, visits to science and technology parks or leading companies, and travel itineraries to famous local attractions.

The APMC 2023 preparatory team will arrange industry sessions/industry speakers in the conference, and invite industry representatives to contribute to representations with oral sessions, poster sessions, workshops, etc. Not only will the speakers benefit, but the corporate brand will also benefit greatly, greatly improving reputation, which will also be of great help to recruitment. Speeches and papers delivered by industry representatives can even echo with physical exhibition booths, doubling the effect.

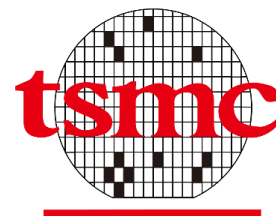
Conference Venue

APMC 2023 will rent TICC as the conference venue. It is adjacent to the Taipei City Hall and the landmark building of Taipei 101. It is located near the entrance of a MRT station with very



<https://ticc.business.site>

convenient transportation. Foreign participants can also easily arrive at the venue by transferring from Taoyuan Airport MRT to Taipei MRT. Nearby five-star hotels such as Grand Hyatt, Humble House Taipei, The Howard Plaza Hotel Taipei, etc., can provide comfortable accommodation and rest during



<https://en.wikipedia.org/wiki/TSMC>



<https://en.wikipedia.org/wiki/MediaTek>

busy conferences and exhibitions.

It is planned the first and second floors of the entire TICC will be rented. The first floor is used for exhibitions for industry operators, and the second floor is used for dissertation seminars and speech exchanges. The space is quite spacious, especially the first floor has three entrances and exits, which is quite suitable for academic activities and commercial exhibitions at the same time.

TICC is the first choice for holding international academic seminars, and the rent is of course expensive. It is the mission of the preparatory team to hold high-quality international seminars to demonstrate abundant industry-university research energy and good heritage in microwave and antenna technology of Taiwan. We sincerely invite business owners and industry operators related to wireless communications, microwave (systems, key components), and antennas to participate in this grand event, work together to support important international conferences representing the national strength of Taiwan, and promote them to the best layout.

APMC 2023 Basic Information

- I. Date: December 5 (Tue) to December 8 (Fri), 2023
- II. Organizers: Chang Gung University & Taiwan Microwave Association
- III. Co-organizers: National Taiwan University, National Chung Cheng University & National Yang Ming Chiao Tung University
- IV. Advisory Organization: National Science and Technology Council (NSTC)
- V. Venue: Taipei International Convention Center (TICC)
- VI. Estimated number of participants: 1,000 people, including 200 foreign scholars and their family members
- VII. Estimated number of published papers: 700 papers, including 450 oral presentations and 250 poster papers
- VIII. Conference website: <http://www.apmc2023.org>

APMC 2023 Sponsorship Guideline

Diamond Sponsor: USD 40,000

1. Two exhibition booths for free. If purchase of additional exhibition booths is required, the sponsor enjoys the first priority to choose the APMC 2023 exhibition booth.
2. APMC 2023 Industry Session 40-minute invited talk and 2 hanging posters.
3. One large advertising billboard or two hanging posters for free, and the name of the sponsor would be announced in a prominent spot of the conference.
4. There are 2 participant registrations for free and 1 with free accommodation (the hotel is designated by the organizer).
5. The sponsor's logo and advertisements will be placed in the corresponding positions of the APMC 2023 program manual, webpage and backpack/bag.
6. Invited to be APMC 2023 Industry-Advisory Committee Chair/Co-Chair.

Platinum Sponsor: USD 20,000

1. Two exhibition booths for free. If purchase of additional exhibition booths is required, the sponsor enjoys the second priority to choose the APMC 2023 exhibition booth.
2. APMC 2023 Industry Session 20-minute invited talk and 1 hanging poster.
3. The name of the sponsor would be announced in a prominent spot of the conference.
4. Two participant registrations for free.
5. The sponsor's logo and advertisements will be placed in the corresponding positions of the APMC 2023 webpage and program manual.
6. Invited to be APMC 2023 Industry-Advisory Committee Member.

Amber Sponsor: USD 13,500

1. One exhibition booth for free. If purchase of additional exhibition booths is required, the sponsor enjoys the third priority to choose the APMC 2023 exhibition booth.
2. APMC 2023 Industry Session 20-minute invited talk and 1 hanging poster.
3. The name of the sponsor would be announced in a prominent spot of the conference.
4. One participant registration for free.
5. The sponsor's logo and advertisements will be placed in the corresponding positions of the APMC 2023 webpage and program manual.
6. Invited to be APMC 2023 Industry-Advisory Committee Member.

Gold Sponsor: USD 7,000

1. One exhibition booth for free. If purchase of additional exhibition booths is required, the sponsor enjoys the fourth priority to choose the APMC 2023 exhibition booth.
2. One participant registration for free.
3. The sponsor's logo will be placed in the corresponding positions of the APMC 2023 webpage and program manual.

Silver Sponsor: USD 5,000

1. One exhibition booth for free.
2. The sponsor's logo will be placed in the corresponding positions of the APMC 2023 webpage and program manual.

Bronze Sponsor: USD 1,800

1. The sponsor's logo will be placed in the corresponding positions of the APMC 2023 webpage and program manual

※ The size of an exhibition booth is 3m*3m or 3m*2m, and purchase for an additional unit of booth costs NTD100,000.

※ In the elegant international exhibition hall, only 30 booths are available

※ On Sep. 27, 2023, the booth will be arranged according to the order of payment and priority

※ Welcome to provide other catering and welcome reception sponsorship.

	Diamond	Platinum	Amber	Gold	Silver	Bronze
Booth	2	2	1	1	1	-
Industry Session	40 mins	20 mins	20 mins	-	-	-
Free Accommodation	1	-	-	-	-	-
Free Registration	2	2	1	1	-	-
Hanging Poster	2	1	1	-	-	-
Advertisement On Manual	V	V	V	-	-	-
Webpage Link on Conference Website	V	V	V	V	V	V

Payment Method

Please wire transfer to bellowed account and mail the “wire transfer bill’ to the secretary office boris@tl.ntu.edu.tw.

Account name: Taiching Foundation of Science and Technology

Bank account number: 154-10-000363-5

Bank name: HUA NAN COMMERCIAL BANK, LTD. TAI TA BRANCH

Bank address: NO. 1 SEC. 4, ROOSEVELT RD., TAIPEI, TAIWAN, R.O.C

Swift code: HNBKTWTP154

※ Remark:

1. The lay out of the advertisement shall be designed and arranged by the sponsor, and the completed file shall be provided to the conference.
2. The organizer reserves the right to make the final decision on the contents of the relevant sponsorship measures.

Sponsorship

For remittance details, please contact Mr. Boris Lai, e-mail: boris@tl.ntu.edu.tw

Welcome to contact: APMC 2023 Organizing Committee, contact information:

General Professor Jen-Tsai Kuo (jtkuo123@mail.cgu.edu.tw)

General Co-Chairs Professor Hsi-Tseng Chou(chouht@ntu.edu.tw) & Professor Sheng-Fuh Chang (ieesfc@gmail.com)

Exhibition Chair General Manager Richard Liu (Richard@wavepro.com.tw)

Exhibition Secretary:

Conference Secretary of APMC 2023:

Mr. Boris Lai, e-mail: boris@tl.ntu.edu.tw;

Tel: +886-2-3366-1363 ext. 59141, fax: 02-2363 2090

Address: 1F, No. 130, Keelung Rd., Sec. 3, Da'an Dist., Taipei 106, Taiwan

2023 Asia-Pacific Microwave Conference (APMC 2023)

Sponsorship Application Form

Date: yyyy/mm/dd

Sponsorship Category:					
<input type="checkbox"/> Diamond Sponsor	USD _____ (40,000 and above)				
<input type="checkbox"/> Platinum Sponsor	USD _____ (20,000 and above)				
<input type="checkbox"/> Amber Sponsor	USD _____ (13,500 and above)				
<input type="checkbox"/> Gold Sponsor	USD _____ (7,000 and above)				
<input type="checkbox"/> Silver Sponsor	USD _____ (5,000 and above)				
<input type="checkbox"/> Bronze Sponsor	USD _____ (1,800 and above)				
<input type="checkbox"/> Sponsorship for	<input type="checkbox"/> Welcome Reception <input type="checkbox"/> Single Day Lunch (Can be for any day from December 6-8, 2023) <input type="checkbox"/> Single Day Coffee Break Refreshment (Can be for any day from December 6-8, 2023)				
Company Name					
Company Representative					
Address					
Phone No.		Fax No.			
Contact Person		Title		E-mail	
Company Website					
Invoice Title					

APMC2023 Sponsorship Contact:

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Thank you for your contribution towards APMC 2023