



2018 Asia-Pacific Microwave Conference **APMC 2018**

November 6-9, 2018, Kyoto International Conference Center, Kyoto, Japan

Harmonious World Connected by Microwaves

Final Call for Papers

The 2018 Asia-Pacific Microwave Conference (APMC 2018) will be held at Kyoto International Conference Center (ICC Kyoto), Kyoto, Japan, on November 6-9, 2018.

APMC 2018 will provide a broad forum for participants from both academia and industries to exchange information, share research results, and discuss collaborations in the fields of microwave, millimeter wave and even to the far infrared and optical waves.

Prospective authors are invited to submit original papers on their latest works. Papers presented at the conference will be submitted for inclusion into IEEE Xplore. Proposals for workshops, short courses and special sessions are also solicited.

CONFERENCE TOPICS

— Technological innovations for 5G, IoT, ITS, WPT, and emerging applications —

Active Devices and Circuits

Low-noise devices and circuits, high-power devices and circuits, wide band-gap devices, microwave tubes, control circuits (mixer, oscillator, switch, etc.), MMICs, RFICs, millimeter and THz wave devices and circuits, graphene devices, rectennas, and others.

Passive Components

Multiband, broadband, tunable, and reconfigurable filters, resonators, directional couplers and hybrids, waveguides and transmission lines, ferrite and SAW devices, RF MEMS, LTCC devices, packaging, metamaterials and EBG structures, plasmonic and optical components, nanomaterials, and others.

Systems

5G systems, wireless and cellular communication systems, high-speed and broadband millimeter and THz wave systems, MIMO systems, microwave photonics, radar and sensor systems, autonomous driving systems, IoT/M2M/RFID systems, wearable devices and systems, security and health monitoring systems, wireless power transfer systems, energy harvesting devices and systems, microwave medical and biomedical applications systems, digital broadcasting systems, whitespace systems, software defined/cognitive/smart radio systems, satellite systems, near/far field OTA measurement systems, measurement techniques, EMC, and others.

Antennas and Propagation

Scattering and propagation, EM field theory, DOA estimation, antenna theory and design, millimeter-wave/THz and optical antennas, small antennas, broadband and multi-band antennas, MIMO antennas, active adaptive and smart antennas, antenna measurements, reconfigurable antennas, and others.

IMPORTANT DATES

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| • Proposal Deadline (Workshops/Short Courses/Special Sessions) | Feb. 28, 2018 |
| • Paper Submission Deadline | May 19, 2018 |
| • Notification of Acceptance | Aug. 10, 2018 |
| • Final Manuscript Submission Deadline | Aug. 31, 2018 |

CONFERENCE SCHEDULE — OVERVIEW

Nov. 6 Tue	Nov. 7 Wed	Nov. 8 Thu	Nov. 9 Fri
Workshops Short Courses Welcome Reception	Technical Sessions Opening Ceremony	Technical Sessions Banquet	Technical Sessions Award Ceremony
			

WORKSHOPS, SHORT COURSES, SPECIAL SESSIONS

APMC 2018 will organize workshops, short courses and special sessions by a group of specialists in a wide range of interesting and timely subjects. The final program will be announced at the APMC 2018 website.

Proposals for workshops, short courses, and special sessions are solicited and must be received by February 28, 2018. The proposal format will be found at the APMC 2018 website.

PAPER SUBMISSION

Technical paper submission for review :

- The deadline for technical paper submission is May 19, 2018.
- Only electronic paper submission via the website will be accepted.
- Only PDF file format with “embed all fonts” will be accepted.
- The file size must be less than 3 MB.
- Technical papers exceeding 3 pages will NOT be accepted.
- When submitting a paper to the on-line paper submission system, the author should enter the abstract of the paper, describing the subject, its importance, and how the work contributes to the field (between 50 and 100 words).
- The language of the paper must be English.
- The manuscript template (MS word and PDF) will be found at the APMC 2018 website.

Final manuscript submission :

- The deadline for final manuscript submission is August 31, 2018.
- The presenting authors of the accepted papers must complete their pre-registration for the conference by August 31, 2018, with all the payments completed.
- All accepted papers will be submitted for inclusion into IEEE Xplore after the conference.

For further information regarding the paper submissions, please visit the APMC 2018 website.

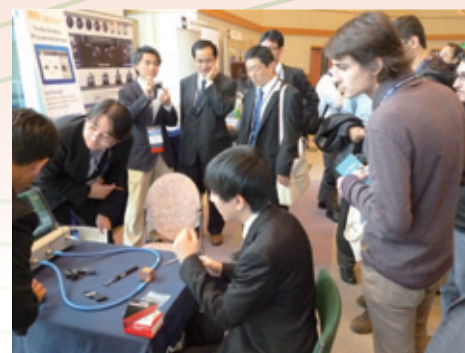
APMC PRIZE/STUDENT PAPER PRIZE

Papers presented at APMC 2018 will be judged by the APMC 2018 Prize Award Committee, and the authors of selected papers will be awarded the APMC 2018 Prize for outstanding contributions to the microwave field.

Outstanding student papers presented at APMC 2018 will also be awarded the APMC 2018 Student Paper Prize.

APMC STUDENT DESIGN COMPETITION

We welcome all students around the world to participate in the Student Design Competitions during the APMC 2018. This event gives students useful experience in putting theories into real-world hardware designs. Please visit the APMC 2018 website for rules and detailed information.



SOCIAL PROGRAMS

Welcome Reception

All the registered attendees are invited to the Welcome Reception at the conference venue, ICC Kyoto, on the evening of November 6, 2018. Japanese drum performance and maiko/geiko (traditional Japanese female performers) will welcome and entertain all the participants!

Banquet

The Banquet will be held at SODOH Higashiyama Kyoto on November 8, 2018, which offers delicacies of French-style Kyoto cuisine with Japanese hospitality. Vegetarian meals and halal meals are available as well. After the Banquet, we will guide you to the beautiful garden with evening illumination in Kodaiji Temple.

Flower Arrangement Workshop

Participate in a hands-on workshop for a fascinating glimpse into “Ikebana,” the Japanese art of flower arrangement, on November 8, 2018.

Award Ceremony

The Award Ceremony for the APMC 2018 Prize and the APMC 2018 Student Paper Prize will be held in a hall within ICC Kyoto on November 9, 2018.



TRAVEL FUND SUPPORT PROGRAM

A financial support program is provided for regular/student speakers from developing countries (countries other than G20 or OECD member countries). The financial support will partly cover their travel fares. Candidates are requested to send a “Travel Fund Support Application Form” to the APMC Secretariat by May 19, 2018. The application form will be available at the APMC 2018 website. The grants are conditional upon presentation of the papers. The notification of acceptance will be informed to each applicant by August 10, 2018.

Travel fund supports for PhD student speakers and Student Paper Prize finalists will also be provided with the aim of encouraging the professional growth of future leaders in the field of microwave.

For full details, please contact the APMC 2018 Secretariat.

HOTEL ACCOMMODATIONS

JTB Global Marketing & Travel Inc., the official travel agent for APMC 2018, has secured a number of hotel rooms in Kyoto at the most competitive prices. The reservations through the agent will be open at the time of early registration, which is scheduled to start in April or May 2018. Details will be announced at the APMC 2018 website.

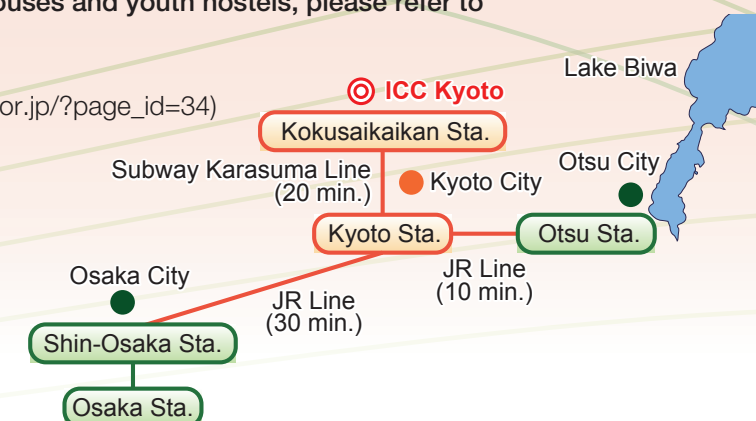
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Business hours: 10:00-17:00
E-mail: apmc2018@gmt.jtb.jp
Fax: +81-3-5495-0685 Phone: +81-3-5796-5445

For budget accommodations, such as guest houses and youth hostels, please refer to the following websites :

- Kyoto Hostel Network (<http://kyotohostels.net/>)
- Kyoto Youth Hostel Association (http://yh-kyoto.or.jp/?page_id=34)

Please make sure that the hostels are close enough to easily get to the conference venue.

Please note that, due to the high season for tourism, finding accommodations in Kyoto City on your own may be difficult. Accommodations in Osaka City or Otsu City may be good alternatives, but it is highly recommended that you reserve a hotel in Kyoto City as early as possible.



KYOTO

Kyoto is one of the best cities in the world to visit according to some influential travel magazines. It served as the capital of Japan from the year 794 to 1868 and has been nurturing its unique culture for over 1,200 years. Today, Kyoto has 17 UNESCO World Cultural Heritage Sites and over 2,000 temples and shrines. Historic scenery with wonderful architectures, traditional culture and Japanese hospitality attracted more than three million international visitors in 2016. In this way, the city of Kyoto has been designed such that people with different cultural backgrounds from all over the world can get around easily. Kyoto in November particularly attracts many tourists by beautiful autumnal colorings of maples and other trees. Kyoto is located nearly at the center of Japan, and it enjoys a strategic position in the transport network and excellent accessibility.



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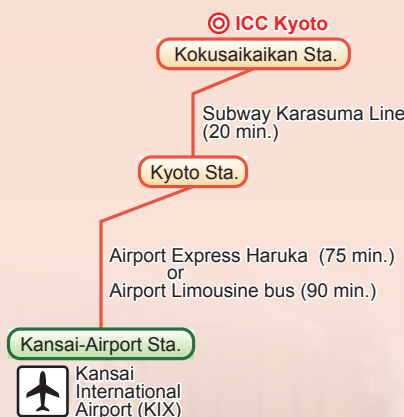
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VENUE/TRANSPORTATION

The conference venue, Kyoto International Conference Center (ICC Kyoto), is conveniently located to the north of Kyoto Station. It can be reached by subway (Karasuma Line) in 20 minutes from Kyoto Station. Kyoto Station can be reached from Kansai International Airport by the Airport Express "Haruka" train in 75 minutes or by limousine bus in 90 minutes. ICC Kyoto is the largest conference complex in Kyoto with good location and surroundings, and has 50 years of experience in holding large-scale international events. It boasts its attractive architectural design, ample lobby space, and a beautiful Japanese garden, providing good networking opportunities for visitors.



<http://www.apmc2018.org/>



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- IEEE MTT-S
- IEEE AP-S
- European Microwave Association (EuMA)
- URSI (expected)
- IEEE MTT-S Japan/Kansai/Nagoya Chapters
- IEEE AP-S Kansai Joint Chapter
- IEICE Technical Committee on Microwaves
- IEICE Technical Committee on Electronics Simulation Technology
- IEICE Technical Committee on Microwave Photonics
- IEICE Technical Committee on Integrated Circuits and Devices

- IEICE Technical Committee on Electron Devices
- IEICE Technical Committee on Antennas and Propagation
- IEICE Technical Committee on Wireless Power Transfer
- IEICE Technical Committee on Short Range Wireless Communications (expected)
- IEICE Technical Committee on Intelligent Transport Systems Technology
- IEICE Technical Group on Terahertz Application Systems
- Japan Institute of Electronics Packaging Japan Society of Electromagnetic Wave Energy Applications
- The Radiation Science Society of Japan
- IEEE Investigating R&D Committee on Advanced Technology for Progress the Electromagnetic Wave Application
- IEEE Investigating R&D Committee on Highly Secure-Reliable Wireless Networks



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