

2002 Asia-Pacific Microwave Conference

APMC 2002

Microwave Renaissance Launched from Kyoto



November 19-22, 2002

Kyoto International Conference Hall,
Kyoto, Japan

Final Call for Papers

The 2002 Asia-Pacific Microwave Conference (APMC 2002) will be held at the Kyoto International Conference Hall, Kyoto, Japan, on November 19-22, 2002. This conference will be organized and sponsored by the Institute of Electronics, Information and Communication Engineers (IEICE) of Japan, and is cooperatively sponsored by IEEE MTT-S, URSI and IEEE MTT-S Japan Chapter.

Conference Topics

A Active Devices and Circuits

Low-Noise Devices and Circuits, High-Power Devices and Circuits, Control Circuits (MIX, Osc., SW, etc.), MMICs and HMICs (Receivers, Transmitters, etc.), Silicon RF Devices, High-Speed Digital Circuits, Microwave Tubes, Others

B Passive Components

Filters and Resonators, Ferrite and Surface Wave Components, Packaging, Passive Devices and Circuits, Waveguides and Striplines, WDM Components, Others

C Systems

Wireless Systems, Broadband Wireless Access, Optical Fiber Systems, Microwave Applications (ITS, SPS, etc.), Microwave Medical & Biological Applications/EMC/EMI, Phased Array Antenna Systems, Millimeter-Wave Radar and Sensor, Remote Sensing, Others

D Basic Theory and Techniques

Scattering and Propagation, Electromagnetic Field Theory and CAD, Antenna Theory, Microwave Antennas, Microwave Photonics, Microwave Superconductivity, Measurement Techniques, Others

E Emerging Technologies

RF MEMS, Active and Adaptive Antennas, Photonic Bandgap, Software Defined Radio, Wireless LAN and Bluetooth, Wireless Ad hoc Network, Mobile Access, 4G Communication Systems, Submillimeter-Wave Components, System on Package, HAPS, Others

Time Table

Paper Hardcopy Submission Deadline: May 7, 2002

Electronic Submission Deadline: May 15, 2002

Notification of Acceptance: July 15, 2002

Final PDF file with Camera-Ready Manuscript Deadline: September 1, 2002

APMC 2002 COMMITTEE OFFICERS

CONFERENCE CHAIRPERSON:

Nobuaki Kumagai
Emeritus Professor of Osaka University

ORGANIZING COMMITTEE:

Norihiko Morinaga
Osaka University

INTERNATIONAL COMMITTEE:

Koji Mizuno
Tohoku University
E-mail: koji@riec.tohoku.ac.jp

STEERING COMMITTEE:

Shozo Komaki
Osaka University
E-mail: komaki@comm.eng.osaka-u.ac.jp

GENERAL AFFAIRS:

Takashi Ohira
ATR Adaptive Communications
Research Laboratories
E-mail: ohira@atr.co.jp

TECHNICAL PROGRAM COMMITTEE:

Kazuhiko Honjo
Univ. of Electro-communications
E-mail: honjo@ice.ucc.ac.jp

FINANCE:

Yohei Ishikawa
Murata Manufacturing Company Ltd.
E-mail: ishikawa@murata.co.jp

LOCAL ARRANGEMENTS:

Akira Nagai
NTT West Japan
E-mail: a.nagai@west.ntt.co.jp

REGISTRATION:

Akio Iida
Mitsubishi Electric Corp.
E-mail: a.iida@cew.melco.co.jp

CEREMONY:

Ikuo Awai
Yamaguchi University
E-mail: awai@po.cc.yamaguchi-u.ac.jp

PUBLICITY:

Shigeji Nogi
Okayama University
E-mail: nogi@elec.okayama-u.ac.jp

PUBLICATION:

Isao Ohta
Himeji Institute of Technology
E-mail: ohta@elnics.eng.himeji-tech.ac.jp

EXHIBITION:

Yoshio Nikawa
Kokushikan University
E-mail: nikawa@kokushikan.ac.jp

APMC 2002 Secretariat:

SIPEC Corp.
E-mail: mweapmc@blue.ocn.ne.jp
<http://www.apmc-mwe.org>

Technical Paper Submission

Instructions for authors

Manuscript Preparation: The language of the conference is English. The text should be formatted single-spaced and sized for 21.5 x 28 cm (8.5 x 11 inch) paper. The title should be centered 2.5 cm from the top of the first page. The authors' names and complete organizational affiliations, including phone/fax numbers and e-mail address if available, should be one line below the title. The text should start from two lines below the last author's information. Left- and right-hand margins should be 3.0 cm. A 2.5 cm margin should be at the top and bottom of all pages. Double space should be given between paragraphs. Only the corresponding author will receive an acknowledgement of the submission.

The submission paper must be limited to four pages including text, references, and figures. The introduction should indicate clearly how the submission relates to previous work and the unique aspects of the current submission. The submission is divided into two categories: Regular Session and Open Forum. The category is preferred for the paper submitted should be marked/indicated in the paper registration on the web or in the transmittal letter.

Electronic Communication: Complete information on how to submit a paper and register for the conference, as well as other important information, can be found at the conference website (<http://www.apmc-mwe.org>). Electronic communication allows more time to submit papers, and enables us to send faster acknowledgements and to provide you with up-to-date information on conference events.

Electronic Submission: This year we will use electronic web-based paper submission, but hardcopy paper submissions will also be accepted to avoid unpredictable electronic submission troubles. Technical papers for APMC 2002 are strongly recommended to be submitted via the website (<http://www.apmc-mwe.org>). Authors are urged to use *.pdf as the file format, but *.doc(after version 6.0) is also acceptable. Instructions on how to submit papers online are available on the conference website. No hard copy needs to be submitted before it is reviewed, if the electronic submission option is chosen. FAX AND E-MAIL SUBMISSIONS WILL NOT BE ACCEPTED. The following steps must be followed by the primary author to submit a paper to the conference:

1. Author registration form: title, author(s), and affiliation(s), and statement of exclusivity. This form also includes a 200 word abstract (describe the subject, its importance, and how the work contributes to the field). This required information must be submitted at the website.
2. No more than 4 pages will be accepted by the system. Make sure that the paper, including figures, does not exceed 4 pages, and the file size is less than 1 MB. For .pdf files, use Distiller and select "embed all fonts". For .doc files, make sure there are no linked objects.

Paper Hardcopy Submission: If the hardcopy submission option is chosen, ten copies of the paper and five copies of the 200 word abstract with the complete mailing address, the telephone number and the fax number of the corresponding author must be submitted in the form described above. The paper must be limited to four pages including text, references, and figures. Figures and of photographs should be a convenient size and affixed on 21.5 x 28 cm (8.5 x 11 inch) white paper with captions in appropriate places. A letter accompanying the paper must indicate categorized key-words associated with this call for papers, along with the complete mailing address, telephone number, e-mail address, and fax number of the corresponding author. Mail submission to the APMC 2002 Secretariat.

Open Forum

Open Forum provides an opportunity for authors to present theoretical or experimental material in poster format, or to perform demonstrations. Authors will discuss with interested colleagues in an informal manner. The submitting authors must choose one of two poster session styles, PS-1 or PS-2.

	PS-1	PS-2
Style	Poster	Poster and demonstration
Aims	Technical presentation	Technical presentation with visual aids
Panel Size	0.9 m(W) x 2.1 m(H)	0.9 m(W) x 2.1 m(H)
Desk		1.8 m(W) x 0.6 m(D)
Weight Limit		50kg
Available Electricity		100 V only, 1.0 kW

Presenter(s) of PS-2 should prepare their own visual aids. The committee will provide space, desk and electricity. For electricity more than 1.0 kW.

Invited Speakers

Dr. Mohammad Madihian, NEC USA Inc., USA
Dr. Kevin W. Kobayashi, Stanford Microdevices, USA
Dr. S. Jerry Fiedziuszko, Space Systems/LORAL, USA
Prof. Arthur A. Oliner, Polytechnic University, USA
Prof. Dr.rer.nat. Friedrich Jondral, Universitaet Karlsruhe, Germany
Prof. Fawwaz Ulaby, University of Michigan, USA
Prof. Demin Xu, Shanghai University, China
Prof. Joy, Georgia Institute of Technology, USA
Dr. Peter H. Siegel, California Institute of Technology, USA
Dr. Mitsutaka Hikita, Hitachi, Ltd., Japan

Workshops and Short Courses

Workshops

- 1 Millimeter-Wave Commercial Applications and Related Module/Circuit Technologies
- 2 Smart Antennas and Adaptive Antennas
- 3 RF/Microwave Oscillators and PLL Technologies
- 4 Circuit Design Techniques for Small-Size Wireless Mobile Communication Terminals
- 5 Si RFIC Processes and Related Circuit Techniques
- 6 CAD for RF Circuit/System Designs
- 7 Fab.-less RFIC Designs
- 8 Space-Based Solar Power Generation Systems and Microwave Power Transmission
- 9 Superconductive Filters for RF Wireless Communications
- 10 MEMS for RF Communications

Short Courses

- 1 Direct Conversion and Low-IF Circuit Designs for Mobile Communications
- 2 Antennas for Wireless Mobile Handsets: Theory, Implementation and Practice, and Future

APMC Prize

Papers presented at APMC 2002 will be judged by the APMC 2002 Prize Award Committee, and the authors of selected papers will be awarded the APMC 2002 Prize for outstanding contributions to the microwave field.

Support Program for Speakers

The Financial Support Program is available for about twenty speakers from developing countries. The financial support will correspond to registration fee and accommodation fee during the conference. For the detailed information, please contact the APMC 2002 secretariat. Candidates are requested to send a "FINANCIAL SUPPORT APPLICATION FORM" to the APMC 2002 secretariat by May 15, 2002. The application form will be available at the website <http://www.apmc-mwe.org> (template scheduled to be ready for download on December 1, 2001). Grants are conditional upon presentation of the paper. The notification of acceptance will be informed by August 1, 2002.

Registration

Registration fee

On-site registration and pre-registration after September 30, 2002	45,000 yen
Pre-registration on or before September 30, 2002	40,000 yen
Retiree	10,000 yen
Student	10,000 yen
Workshop and short course	5,000 yen

The registration fee covers admission to all sessions of the conference and a copy of the Conference Proceedings. The registration form will be provided in the Advance Program. Details will be uploaded in the APMC web site.

Microwave Exhibition

An International Microwave Exhibition (Microwave Exhibition 2002) in association with the Conference will be held concurrently, at the Event Hall in Kyoto International Conference Hall, the venue of the Conference, from November 20 to 22, 2002.

Please contact the following address for further information:

Microwave Exhibition

c/o SIPEC Corp., 4-1-4 Hongo, Bunkyo-ku, Tokyo 113-0033, Japan

Phone: +81-3-3815-8590, Fax: +81-3-3815-8529, E-mail: mweapmc@blue.ocn.ne.jp

Social Program

The Welcome Reception and Banquet will provide opportunities for the attendees to communicate with their colleagues and enjoy traditional Japanese cuisine and attractions. All registered attendees are invited to the Welcome Reception and Banquet. To experience traditional Japanese culture, a Japanese Tea Ceremony will also be held. Detailed information will be provided in the Advance Program.

Hotel Accommodation

JTB Corp. Kyoto office, official travel agent for the conference, has reserved a sufficient number of rooms at several hotels in Kyoto. Detailed information will be provided in the Advance Program. Should you have any inquiries, please contact:

JTB Corp. Kyoto office Convention Dept.

Higashishiokoji-cho, Shimogyo-ku, Kyoto-shi, Kyoto 600-8215, Japan

Phone: +81-75-361-7241 Fax: +81-75-341-1028

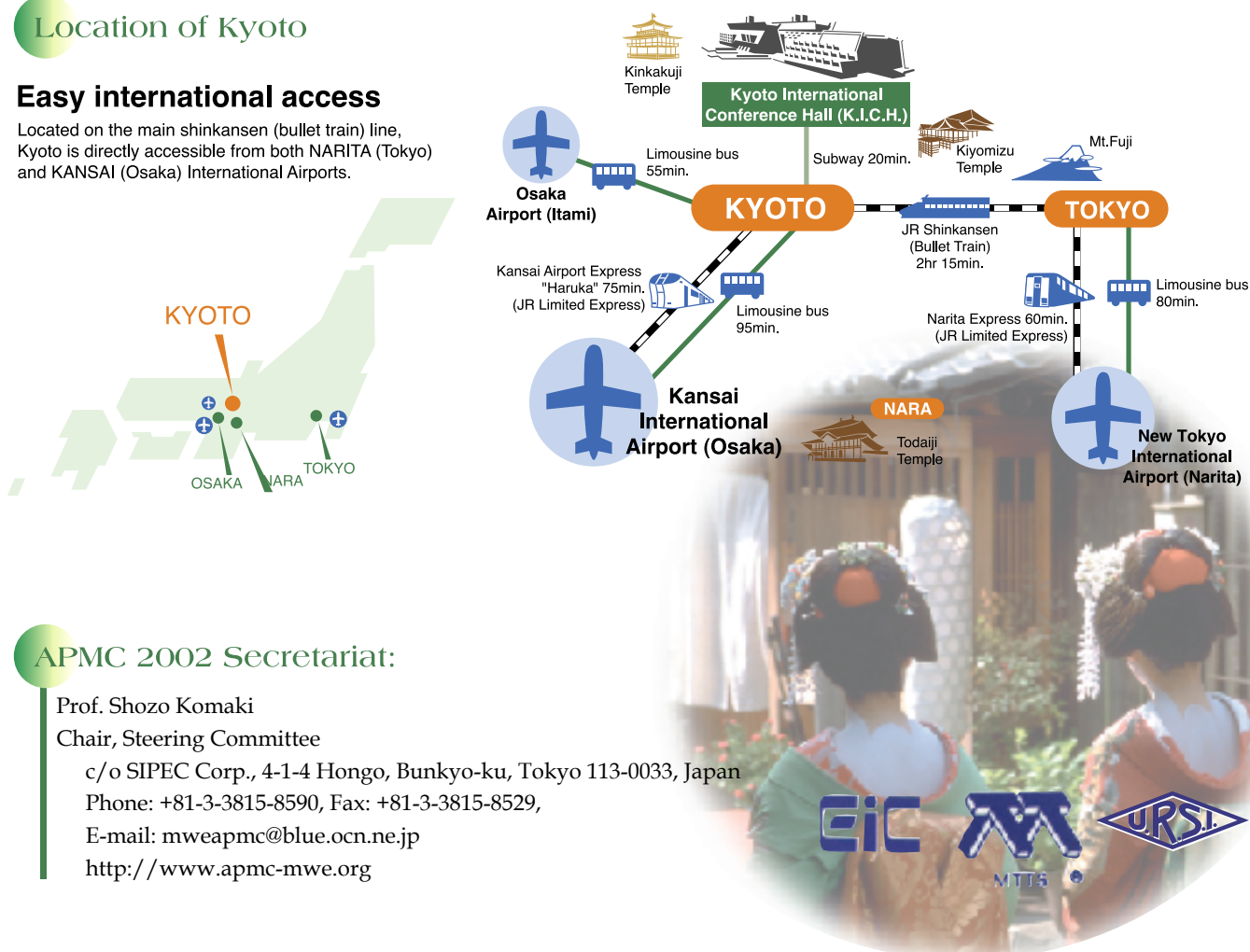
Kyoto

Kyoto is a world-wide popular tourist city situated about 500 kilometers west of Tokyo and 40 km northeast of Osaka. It served as the capital of Japan from 794 to 1868 and was the birthplace of Japanese culture and traditions. Kyoto is the home of 20% of Japan's national treasures as well as many historical buildings and traditional arts and crafts. To the south of Kyoto lies historical Nara, the more ancient capital between 710 and 784. Kyoto in November attracts many tourists by beautiful autumnal colorings of maples and other trees.

Location of Kyoto

Easy international access

Located on the main shinkansen (bullet train) line, Kyoto is directly accessible from both NARITA (Tokyo) and KANSAI (Osaka) International Airports.



APMC 2002 Secretariat:

Prof. Shozo Komaki

Chair, Steering Committee

c/o SIPEC Corp., 4-1-4 Hongo, Bunkyo-ku, Tokyo 113-0033, Japan

Phone: +81-3-3815-8590, Fax: +81-3-3815-8529,

E-mail: mweapmc@blue.ocn.ne.jp

<http://www.apmc-mwe.org>