



# 1994 Asia-Pacific Microwave Conference —APMC '94—

December 6-9, Tokyo, Japan

The Institute of Electronics, Information and Communication Engineers

## *Final Call for Papers*

The Sixth Asia-Pacific Microwave Conference (APMC '94) will be held at Nippon Convention Center (Makuhari Messe), Japan, on December 6-9, 1994. This conference is organized and sponsored by the Institute of Electronics, Information and Communication Engineers (IEICE) of Japan, and is co-sponsored by IEEE MTT-S Tokyo Chapter and is cooperatively sponsored by IEEE MTT-S and URSI.

Makuhari Messe is located 20km (30-minute train ride) east from downtown Tokyo.

### **CONFERENCE TOPICS**

The main conference topics are listed below :

- |  |   |
|--|---|
| 1. Solid State Devices and Circuits                  | 15. Millimeter Wave and Submillimeter Wave Techniques                 |
| 2. GaAs FET, HEMT, HBT and other Devices             | 16. EMC/EMI   |
| 3. Low-Noise Devices and Techniques                  | 17. Scattering and Propagation  |
| 4. High-Power Devices and Techniques                 | 18. Microstrip Antennas   |
| 5. Microwave and Millimeter Wave Monolithic Circuits | 19. Measurement Theory and Techniques                                 |
| 6. High-Speed Digital Circuits                       | 20. Computer Aided Design   |
| 7. Microwave Measurement for Gigabit Devices         | 21. Microwave and Millimeter Wave Systems                             |
| 8. Opto-Electronic Techniques                        | 22. Microwave Terrestrial, Satellite and Mobile Communication Systems |
| 9. Microwave and Millimeter Wave Packaging           | 23. Microwave Industrial Applications                                 |
| 10. Passive Devices and Circuits                     | 24. Microwave Medical/Biological Applications                         |
| 11. Microwave Superconductivity                      | 25. Phased and Active Array Techniques                                |
| 12. Electromagnetic Field Theory                     | 26. Remote Sensing  |
| 13. Ferrite Devices                                  |   |
| 14. Microwave Acoustics                              |   |

However, the above topics should not be considered as the total limits of the conference scope.

### **SUBMISSION OF PAPERS**

Original papers are solicited that have not been previously presented and describe new contributions in the area suggested by the CONFERENCE TOPICS. Authors are required to submit 10 copies of (1) a summary consisting of approximately 500-1000 words (typed, double-spaced) with supporting illustrations, and (2) a 30-50 words abstract on a single separate sheet with the title, name of the author(s), affiliation, complete mailing address, phone number (and Fax or Telex number, as appropriate), and a statement specifying the topic from the preceding list most appropriate to the technical content of the paper. The summary must clearly state ; (1) the purpose of the work, (2) the manner and degree to which it advances the art, (3) specific results that have been obtained and their significance.

The paper summary must be received by **June 10, 1994**. Authors are responsible for obtaining all required company and government approvals prior to papers submission. Notice of acceptance or rejection will be mailed to authors by **August 10, 1994**. Authors whose papers are accepted (Oral or Poster presentation) will also receive copyright release forms, conference materials and instructions for preparing camera-ready copies of papers, so they can be printed in the Conference Proceedings. Paper presentation should be in English. Manuscripts should be submitted to :

**Prof. Masami Akaike**

**Chairperson, Technical Program Committee**

c/o REALIZE INC.

Cosmos Hongo Bldg. 4-1-4 Hongo, Bunkyo-ku, Tokyo 113, Japan

TEL. +81-3-3815-8590 FAX. +81-3-3815-8939

## WORKSHOPS

Workshops will be held on December 9, 1994, and organized by IEICE and MTT - S Tokyo Chapter. The topics are listed below :

- (1) Optoelectronics signal processing and applications to microwave systems
- (2) Personal communications and related technology
- (3) Present status and trends of mobile/satellite communications
- (4) Advanced nonlinear device modeling and circuit simulations
- (5) Microwave circuit simulation technology by electromagnetic field analysis
- (6) Millimeter wave MMIC technology
- (7) Microwave and millimeter wave radar/sensor technology for consumer applications
- (8) Superconducting device applications to microwave and millimeter wave circuits

The detail of each workshop will be announced on the advanced program.

## EXHIBITION

An International Microwave Exhibition ( Microwave Exhibition '94 ) in association with the Conference will be held at International Exhibition Hall in Nippon Convention Center ( Makuhari Messe ), the venue of the Conference, from December 6 to 9, 1994.

The Exhibition will have two pavilions : Main Pavilion to accomodate exhibitors from countries all over the world and U. S. Pavilion ( Microwave USA '94 ) to accomodate exhibitors from U. S. A..

## JAPAN MICROWAVE PRIZE

During the APMC'94, the Japan Microwave Prize will be awarded to the authors of the papers that are judged by the APMC'94 Award Committee to be the most outstanding contributions to the microwave field among those accepted for presentation at the APMC'94.

## REGISTRATION

Registration fee for the conference is 35,000 yen when pre-registered on or before Oct. 31, 1994. After this date, the fee is 40,000 yen. The student fee is 5,000 yen. The registration fee includes admission to all sessions of the conference and a copy of Conference Proceedings. Registration fee for workshops is 5,000 yen. Registration form will be provided in the Advance Program.

## BANQUET

The social highlight of the 1994 Asia - Pacific Microwave Conference will be held on December 8, 1994. You will be able to enjoy traditional Japanese cuisine and attractions. Banquet tickets are available at 7,000 yen per person. Detailed information will be provided in the Advance Program.

## HOTEL ACCOMMODATION

The Japan Travel Bureau, Inc. (JTB) International Travel Division, official travel agent for the conference, has reserved a sufficient number of rooms at several hotels in Makuhari. Detailed information will be provided in the Advanced Program. Should you have any inquiries, please contact :

Japan Travel Bureau Inc.	Phone : +81-3-3276-7885
International travel division	Fax : +81-3-3272-1277
Convention Center	Telex : TOURIST J24418
( Ref. CD101003-099 )	( Answer Back )
1-13-1 Nihonbashi, Chuo-ku,	
Tokyo 103 JAPAN	

You can visit Tokyo Disneyland which is located 18km west from Nippon Convention Center.

## TIME TABLE

- |   |                |
|---|----------------|
| * Paper submission deadline :                 | June 10, 1994  |
| * Accepted paper notification :               | Aug. 10, 1994  |
| * Advance program delivery :                  | Sept. 10, 1994 |
| * Final manuscript for publication deadline : | Oct. 20, 1994  |
| * Advance registration deadline :             | Oct. 31, 1994  |

For further information, please contact :

**Prof. Shizuo Mizushina**

**Chairperson, Steering Committee**

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Cosmos Hongo Bldg. 4-1-4 Hongo, Bunkyo-ku, Tokyo 113, Japan

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## APMC'94 COMMITTEE OFFICERS

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