

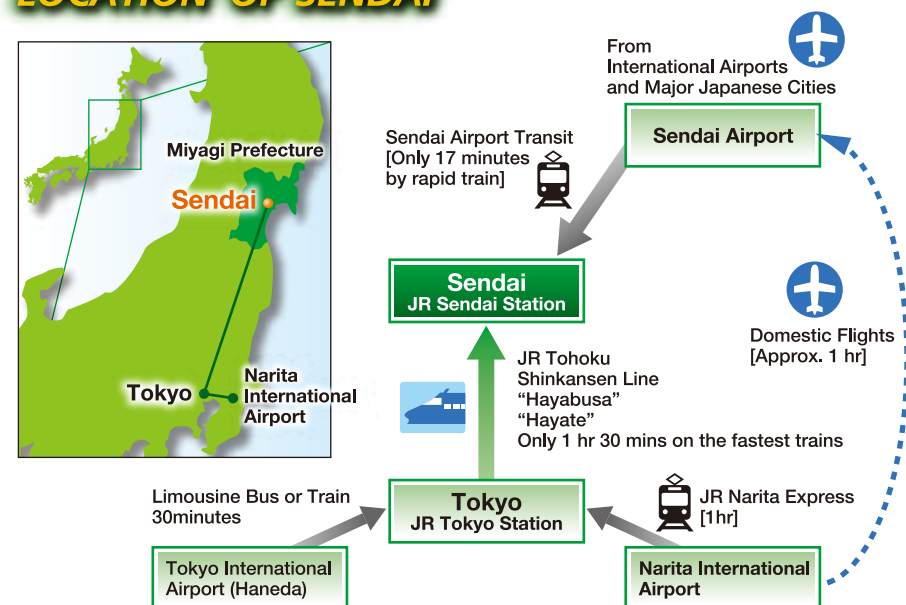
SENDAI

Sendai is one of the largest cities in Japan, and is the political and economic center in the Tohoku (northeast) region. It is also well known as the City of Trees, where the Japanese Zelkova trees on the streets are in harmony with the view of the modern city. Sendai area is home to many natural sites of beautiful scenery, such as the Hirose River, running through the central Sendai, Akiu Great Falls, famous as one of Japan's three most beautiful waterfalls, and Matsushima, known as one of the Three Views of Japan.

For the microwave community, a lot of important technologies and innovative inventions have been produced in Sendai. The Yagi-Uda antenna, which is one of the most famous antennas, was invented by Dr. Hidetsugu Yagi and Dr. Shintaro Uda, both with Tohoku University, Sendai, in 1925.

The conference site and the city center of Sendai have recovered from the East Japan Great Earthquake on March 11, 2011. Sendai is 100 kilometers away from the nuclear power plant in Fukushima. The intensity of radiation is the same level as before the disaster.

LOCATION OF SENDAI



CONTACT

For further information, please contact:
Prof. Noriharu Suematsu
Chair, APMC 2014 Steering Committee
c/o APMC 2014 Secretariat,
Real Communications Corp.
3F Shinmatsudo S bldg., 1-409
Shinmatsudo, Matsudo 270-0034, Japan
Phone: +81-47-309-3616,
Fax: +81-47-309-3617
E-mail: mweapmc@io.ocn.ne.jp
<http://www.apmc2014.org/>



Ministry of Internal Affairs and Communications

APMC 2014 COMMITTEE OFFICERS

ORGANIZING COMMITTEE:
Tsukasa Yoneyama
Emeritus Professor of Tohoku University

INTERNATIONAL STEERING COMMITTEE:
Atsushi Sanada
Yamaguchi University
E-mail: as@yamaguchi-u.ac.jp

STEERING COMMITTEE:
Noriharu Suematsu
Tohoku University
E-mail: suematsu@iec.tohoku.ac.jp

GENERAL AFFAIRS:
Hiroshi Okazaki
NTT DOCOMO, INC.
E-mail: okazaki@ieee.org

TECHNICAL PROGRAM COMMITTEE:
Kenjiro Nishikawa
Kagoshima University
E-mail: nisikawa@eee.kagoshima-u.ac.jp

FINANCE:
Masashi Nakatsugawa
NTT Corp.
E-mail: nakatsugawa.masashi@lab.ntt.co.jp

LOCAL ARRANGEMENTS:
Kazutomi Mori
Mitsubishi Electric Corp.
E-mail: Mori.Kazutomi@ak.MitsubishiElectric.co.jp

REGISTRATION:
Hiroyuki Kayano
Toshiba Corp.
E-mail: hiroyuki.kayano@toshiba.co.jp

CEREMONY:
Shoichi Narahashi
NTT DOCOMO, INC.
E-mail: narahashi@nttdocomo.co.jp

PUBLICITY:
Kenichi Maruhashi
NEC Corp.
E-mail: k-maruhashi@bl.jp.nec.com

PUBLICATION:
Toshio Ishizaki
Ryukoku University
E-mail: ishizaki@rins.ryukoku.ac.jp

EXHIBITION:
Tadashi Kawai
University of Hyogo
E-mail: kawai@eng.u-hyogo.ac.jp

APMC 2014 SECRETARIAT:
Real Communications Corp.
3F Shinmatsudo S Bldg.,
1-409 Shinmatsudo, Matsudo 270-0034, Japan
Phone: +81-47-309-3616, Fax: +81-47-309-3617
E-mail: mweapmc@io.ocn.ne.jp
<http://www.apmc2014.org/>

2014 Asia-Pacific Microwave Conference

APMC 2014

November 4-7, 2014, Sendai International Center, Sendai, Japan

<http://www.apmc2014.org/>

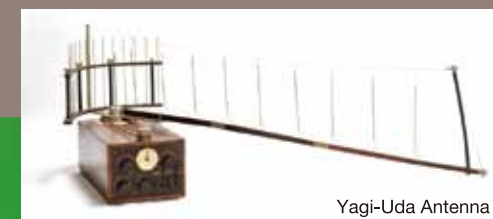


Final Call for Papers

The 2014 Asia-Pacific Microwave Conference (APMC 2014) will be held at the Sendai International Center, Sendai, Japan, on November 4-7, 2014. As you may know, Sendai is one of the historic sites for microwave & antenna engineering and is the birthplace of Yagi-Uda antenna. You will feel a touch of inspiration from Sendai and the microwave & antenna heritages.

This conference is organized and sponsored by The Institute of Electronics, Information and Communication Engineers (IEICE) of Japan, and will be supported by Ministry of Internal Affairs and Communications. It will be cooperatively sponsored by IEEE MTT-S, IEEE AP-S, EuMA, URSI, IEEE MTT-S Japan/Kansai/Nagoya Chapters, IEEE Sendai Section, IEICE Technical Committee on Microwaves, IEICE Technical Committee on Electronics Simulation Technology, IEICE Technical Committee on Microwave Photonics, Japan Institute of Electronics Packaging, Japan Society of Electromagnetic Wave Energy Applications, IEEJ Investigative Committee on Innovative Electromagnetic Technologies and Their Applied Developments.

All the accepted and presented papers at APMC 2014 will appear in IEEE Xplore and some of the extended versions can be published in a Special issue of IEICE Transactions on Electronics in July 2015.



Yagi-Uda Antenna

CONFERENCE TOPICS

A Active Devices and Circuits

Low-noise devices and circuits, High-power devices and circuits, Envelope tracking technologies, Predis-torters, Wide band-gap devices, Microwave tubes, Control circuits (Mixer, Oscillator, Switch, etc.), MMICs, RFICs, mm-Wave and THz devices and circuits, Rectennas, and others.

B Passive Components

Multiband filters, Broadband filters, Other filters, Resonators, Ferrites, SAW and BAW devices, Packaging, Waveguides and striplines, Optical components, Metamaterials, RF MEMS, LTCC Devices, Directional couplers and hybrids, and others.

C Systems

Mobile and wireless communication systems, High speed digital circuits and signal integrity, Radar, Remote sensing and imaging systems, Broadcasting technologies, Satellite communication systems and components, Biological effects and medical applications, RFID systems and devices, mm-Wave communication systems, THz technologies and applications, Microwave photonics and optics applications, EMC and EMI, Wireless power transfer and energy harvesting, and others.

D Antennas and Propagation

Scattering and propagation, EM field theory and CAD, Antenna theory, Small antennas, Planar antennas, mm-Wave/THz antennas, Broadband and multiband antennas, Mobile and PCS antennas, MIMO antennas, Beam steering antennas, Package antennas, DOA, Antenna measurements, and others.



TIME TABLE

Proposal submission deadline: February 28, 2014
(Special sessions, workshops and short courses)

Technical paper submission deadline: May 17, 2014
Notification of acceptance: August 8, 2014
Camera-ready manuscript deadline: August 25, 2014

Only electronic paper submission via the website (<http://www.apmc2014.org/>) will be accepted.

APMC 2014

PAPER SUBMISSION

Technical Paper Submission for Review:

- The deadline for technical paper submissions is **May 17, 2014**.
- Only electronic paper submission **via the website** (<http://www.apmc2014.org/>) 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 conference is English.
- The manuscript template (MS word and PDF) can be found at the APMC 2014 website(<http://www.apmc2014.org/>).

Camera-ready Manuscript Submission:

- The deadline for camera-ready manuscript submissions is **August 25, 2014**.
- The presenting authors of the accepted papers **must complete their pre-registration** for the conference by **August 25, 2014**, with all the payments completed.
- Copyrights of all the accepted papers are to be transferred to The Institute of Electronics, Information and Communication Engineers (IEICE).
- All the accepted and presented papers will be included in the IEEE Xplore database after the Conference.
- For further information regarding the paper submissions, please visit the APMC 2014 website (<http://www.apmc2014.org/>).

SPECIAL SESSIONS

In consideration of the aim of hosting APMC 2014 in Sendai, some special sessions will be organized as follows:

- 1) Historical session: A story of Yagi-Uda antenna and other historic stories will be introduced.
(Yagi-Uda antenna was the first IEEE Milestone in the Asia-Pacific region.)
- 2) Resilient ICT session: R&D of wireless network and H/W against large-scale disasters will be presented.
- 3) Other sessions: Proposals for special sessions are being solicited. If you have any suggestions, please send your proposals by February 28, 2014. Details can be found at the APMC 2014 website (<http://www.apmc2014.org/>).

WORKSHOPS AND SHORT COURSES

APMC 2014 will provide exciting workshops and short courses conducted by a group of specialists in a wide range of interesting and timely subjects.

Proposals for workshops and short courses must be received by February 28, 2014. Details can be found at the APMC 2014 website (<http://www.apmc2014.org/>).

APMC PRIZE

Papers presented at APMC 2014 will be judged by the APMC 2014 Prize Award Committee, and the authors of selected papers will be awarded the APMC 2014 Prize for outstanding contributions to the microwave field.

APMC STUDENT PAPER PRIZE

Outstanding student papers presented at APMC 2014 will be awarded the APMC 2014 Student Paper Prize.

APMC STUDENT DESIGN COMPETITION

The student design competition will be held during APMC 2014. The details will be shown in the APMC 2014 website (<http://www.apmc2014.org/>).



SUPPORT PROGRAM FOR SPEAKERS

See the APMC 2014 website (<http://www.apmc2014.org/>).

EXHIBITION

The APMC 2014 Exhibition will be organized at the conference venue on November 5-7. Companies related to microwave technologies in the Asia-Pacific region will exhibit the latest microwave products and technologies at this exhibition. Also, some exhibition booths will be provided for university student authors of accepted papers to present their latest research outcomes. Please contact the APMC 2014 Secretariat for further information.

HOTEL ACCOMMODATIONS

JTB Global Marketing & Travel Inc., the official travel agent of APMC 2014, has reserved a sufficient number of rooms at several hotels in Sendai for APMC 2014. Reservations will be processed in order of application. Detailed information can be found at the APMC 2014 website (<http://www.apmc2014.org/>).

JTB Global Marketing & Travel Inc.

Convention Center

2-3-11 Higashi-Shinagawa, Shinagawa-ku,

Tokyo 140-8604 Japan

Business hours: 10:00-18:00

Fax: +81-3-5495-0685

Phone: +81-3-5796-5445

E-mail: apmc2014@gmt.jtb.jp

SOCIAL PROGRAM

APMC 2014 will provide a reception party and an award banquet as the conference's social program. All the registered attendees will be invited to the reception party to be held on the evening of the first day, November 4, 2014.

The award banquet will be held on the evening of the third day, November 6, 2014, with the award ceremony for the "APMC 2014 Prize" and "APMC 2014 Student Paper Prize," as well as some speeches by eminent guests and colorful entertainments. Be sure to check more details with the advance program, and enjoy the chances for communicating with your old friends and new faces as well!

TOUR PROGRAM

Full-Day Tour

➤World Heritage Hiraizumi

You can enjoy the beautiful Japanese gardens and temples created based on Buddhism. The Golden Hall of Chusonji Temple is the evidence of the power and the wealth derived from local gold mines, which the aristocratic clan Fujiwara in the northeastern Japan region from the 12th to 13th centuries possessed.

Estimated time: 9:30-17:00

➤Matsushima

Matsushima, a small bay dotted with more than 260 islands beautifully covered with evergreens, is one of Japan's celebrated Three Views. Japanese poems "Haiku" have been composed at Matsushima, since ancient times. "Matsushima is the most scenic place in Japan," wrote Matsuo Basho, the greatest master of "Haiku".

Estimated time: 9:30-17:00

Half-Day Tour

➤Okama Crater of Zao Mountain

The kettle-shaped Crater Lake known as Okama is a part of the Zao mountain range in the Tohoku region. Hikers will enjoy the beautiful scenic splendor of the volcanic peaks. The mountains change their colors in Autumn, like wearing beautiful kimono of autumn leaves.

Estimated time: 13:00-16:30

