



Call for Papers



2012 INTERNATIONAL SYMPOSIUM ON ANTENNAS AND PROPAGATION

October 29-November 2, 2012, Nagoya, JAPAN



IEEE



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The Institution of
Engineering and Technology



KIEES



The 2012 International Symposium on Antennas and Propagation (ISAP2012) will be held at Nagoya Congress Center in Nagoya, Japan, from October 29 (Monday) through November 2 (Friday), 2012. This Symposium, the 17th ISAP, is sponsored and organized by the Communications Society of the Institute of Electronics, Information and Communication Engineers (IEICE), and is held in cooperation with the Antennas and Propagation Society of the Institute of Electrical and Electronics Engineers (IEEE/AP-S), the International Union of Radio Science (URSI), the Antennas and Propagation Network of the Institute of Engineering and Technology (IET), the European Association on Antennas and Propagation (EurAAP), the Korean Institute of Electromagnetic Engineering and Science (KIEES), the China Institute of Communications (CIC), and the Electrical Engineering/Electronics, Computer, Communications and Information Technology Association of Thailand (ECTI). The Antennas Society of the Chinese Institute of Electronics (CIE) is under discussion.

OBJECTIVE

ISAP2012 is intended to provide an international forum for the exchange of information on the progress of research and development in antennas, propagation, electromagnetic wave theory, and related fields as shown in the SCOPE. It is also an important objective of this meeting to promote mutual interaction among participants.

SCOPE

This symposium will treat a wide range of subjects on antennas, propagation and electromagnetic wave theory as suggested below. Papers concerned with other aspects of these subjects will also be considered. In addition, special topics treating emerging technologies heralding a new era in wireless communications and applications are invited for consideration.

A. Antennas

- A1. Small Antennas
- A2. Mobile and Vehicular Antennas
- A3. Broadband and Multi-frequency Antennas
- A4. Millimeter- and Terahertz-Wave Antennas
- A5. Antenna Theory and Design
- A6. Antenna Measurements
- A7. Antenna Manufacturing Techniques

B. Propagation

- B1. Mobile and Indoor Propagation
- B2. Space-Time Channel Characterization
- B3. DOA Estimation
- B4. Remote Sensing
- B5. SAR Polarimetry and Interferometry
- B6. Terrestrial and Earth-Space Propagation
- B7. Ionospheric Propagation

C. Electromagnetic Wave Theory

- C1. Computational Electromagnetics
- C2. Analysis for Multi-scale Problems
- C3. Inverse Problems
- C4. Random Media and Rough Surfaces
- C5. Scattering and Diffraction
- C6. EBG and Metamaterials
- C7. New EM Modeling

D. AP-related Topics

- D1. Wireless Power Transmission Technologies
- D2. Antenna and Propagation Technologies for Cognitive Wireless Networks
- D3. MIMO and Cooperative Communication Technologies
- D4. Body-Centric Wireless Communication
- D5. Medical Applications and Biological Effects
- D6. RFID and Applications
- D7. EMC/EMI Technologies

ISAP2012 Web Page : <http://www.isap12.org>

PREPARATION OF PAPERS

Original papers are solicited that have not been presented previously and that describe new contributions in the area suggested in the SCOPE. Each author is requested to prepare a 4-page camera-ready paper written in English, including all text, references, figures and photographs. The authors are requested to refer to the ISAP2012 Web page (<http://www.isap12.org/>) for the detailed paper preparation instructions and the IEICE Copyright Transfer Form. The Proceedings will be available in CD-ROM format.

SUBMISSION OF PAPERS

Authors are requested to send their papers in IEEE Xplore-compliant PDF format by electronic method. The detailed instructions of the electronic Web-based paper submission will be provided on the ISAP2012 Web page. The deadline for the electronic paper submission is April 27, 2012. Presented papers of ISAP2012 will be included in IEEE Xplore.

WORKSHOP

Several workshops are scheduled to be held on October 29 (Monday), 2012.

EXHIBITION

Spaces for demonstration of software, books and products are also available with extra charge.

IEICE TRANS. SPECIAL SECTION

The Special Section on ISAP2012 will be planned in the IEICE Transactions on Communications. The detail information will be provided at the ISAP2012 Web page.

AWARDS

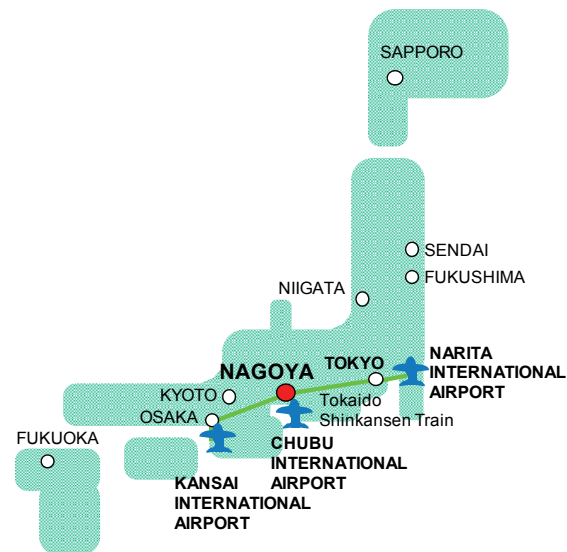
Several outstanding papers will be awarded for ISAP2012 Paper Awards. ISAP2012 also hosts Student Paper Contest in order to foster activities of students toward highly qualified researchers.

YOUNG SCIENTIST TRAVEL GRANT

Young Scientist Travel Grant (YSTG) will be awarded by ISAP2012 to several young overseas speakers who need financial support to present their papers. The applicants must be less than 35 years old as of October 29, 2012. The Symposium Steering Committee will select the winners and provide a part of traveling and staying expenses and registration fee. The grant is provided to the winners at the symposium site during the symposium period. The YSTG Application Form will be able to be downloaded from the ISAP2012 Web page.

VENUE

Nagoya, with a population of 2.2 million, is situated at the central Japan and good transportation from Tokyo, Osaka, Kyoto and all around in Japan. It is a city with strong cultural, historical and industrial identity. Nagoya's history began with Nagoya Castle, built in 1612. Since then, it encouraged the growth of cultural arts. Many of Japan's world-renowned high-tech industries; those of automobiles, aviation, machine tools, fine ceramics and industrial robots, are based in and around Nagoya. Yet, what really sets Nagoya apart from other convention cities is our blend of country-style warmth and big city feeling atmosphere.



ISAP ARCHIVES

ISAP Archives currently opens as a trial service. You can search and read the conference papers from the ISAP1971 to 2010 at the ISAP Archives Web page (<http://ap-s.ei.tuat.ac.jp/isapx/>).

STEERING COMMITTEE (OFFICERS)

Chairperson	K. Ito (Chiba University)
Vice Chairperson	T. Uno (Tokyo Univ. of Agri. & Tech.)
Secretaries	K. Cho (NTT DOCOMO) H. Miyashita (Mitsubishi Electric) Q. Chen (Tohoku University)
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Local Arrangement	N. Kikuma (Nagoya Institute of Tech.)
Exhibition	K. Sato (Toyota Central R&D Labs.)
Finance	M. Tanaka (NICT)
Advisory Board	H. Shoki (Toshiba)

TIME TABLE

Deadline for paper submission:	April 27, 2012
Notification of accepted papers:	June 29, 2012
Deadline for advance registration:	August 31, 2012

FURTHER INFORMATION

Please have a contact to the following ISAP2012 Web page

<http://www.isap12.org>