



Commission B

Call for Papers

2004 URSI International Symposium on Electromagnetic Theory

Pisa, Italy

May 23-27, 2004

General Information

In a long tradition, Commission B, "Fields and Waves", of the International Union of Radio Science (URSI) organizes a triennial series of international symposia on electromagnetic theory. The next symposium in this series is the 2004 International Symposium on Electromagnetic Theory, which will be held in Pisa, Italy, May 23-27, 2004. It is hosted by the Italian Member Committee of URSI and is organized by a Local Organizing Committee at the University of Pisa, in collaboration with the Italian Electromagnetic Society (SIEm). The scope of the Symposium covers all areas of electromagnetic theory and its applications. The working language of the Symposium is English. There will be a limited number of Young Scientist Awards (YSA) available for application.



Suggested Topics

Contributions concerning all aspects of electromagnetic theory and its applications are welcome. Novel and innovative contributions are particularly appreciated. Special topics will also be announced in the Final Call for Papers in addition to the following list.

- New basic theoretical developments
- Scattering and diffraction
- Inverse scattering and imaging
- Time domain methods
- High-frequency methods
- Guided waves
- Solutions to canonical problems
- Propagation and scattering in layered structures
- Random media and rough surfaces
- Metamaterials and complex media
- Beam and pulse propagation and scattering in lossy and/or dispersive media
- Non-linear phenomena
- Antennas: general aspects
- Antenna arrays, planar and conformal
- Numerical methods: general aspects
- Numerical methods for integral and differential equations
- Hybrid methods
- Interaction of EM waves with biological tissues
- EM theory and applications for radio systems
- Antennas and propagation for communication systems: smart antennas, UWB systems, etc.
- Mathematical modelling of EM problems
- Others

Session Proposals

Proposals of novel topics, special sessions as well as session organization are welcome. Send the proposal as soon as possible to mando@antenna.ee.titech.ac.jp.

Symposium Location

The Symposium will be held at the University Conference Centre, in downtown Pisa. This important University city is located near the Tyrrhenian Sea (11 Km) in north-western Tuscany, along the banks of the Arno river, and approximately 80 Km west of Florence. Worldwide known for its extraordinary Leaning Tower, Pisa is a place of artistic treasures, heritage of its millenary history whose point of highest splendor dates back to the age of Maritime Republics (12th century).

Symposium Time Table

June, 2003	Final Call for Papers
Nov. 1, 2003	Deadline for receipt of YSA papers in the 3-pages camera-ready format and YSA applications (see the conference Web site for instructions)
Nov. 15, 2003	Deadline for receipt of papers in the 3-pages camera-ready format (see Web site)
Jan. 15, 2004	Notification of authors regarding acceptance of papers, notification of YSA applicants
Mar. 15, 2004	Deadline for pre-registration of authors
May 23-27, 2004	Symposium

Conference Contacts

General questions and Symposium technical program:

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Questions regarding local arrangements:

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Conference Secretariat

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Submission and Further Information

The instructions for the submission of papers and the updated information on the Symposium will be available in the Final Call for Papers and on the conference Web site:

www.ing.unipi.it/URSI-B2004