Commission B (Fields and Waves) Activity Report*
- July 16, 2004 to November 10, 2004 -

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1. Past National and International Conferences


2. Future National and International Conferences

- IEICE Conference of Technical Committee on Microwaves (MW), Tokyo, Japan, January 17-19, 2005.
- IEICE Conference of Technical Committee on Microwaves (MW), Kanagawa, Japan, March 2-4, 2005.

* Various useful information on URSI and URSI Japan National Committee are available from the web sites at
URSI: [http://www.ursi.org/](http://www.ursi.org/)
URSI Japan National Committee: [http://www.kurasc.kyoto-u.ac.jp/ursci/](http://www.kurasc.kyoto-u.ac.jp/ursci/)
3. URSI Commission B International Electromagnetics Prize

URSI Commission B has established, with the approval of the URSI Board of Officers, the “International Electromagnetics Prize” to be awarded annually. The prize is US$10,000 plus a commemorative plaque and is sponsored by the Summa Foundation. It is awarded for an accurate approximate solution of a designated scattering or related problem in electromagnetics and is presented at an appropriate URSI meeting. The 2005 Prize Problem has been announced in February 2004, and entries in the specified format must be received before June 15, 2005. Entries will be judged by a panel appointed by the chair of URSI Commission B and the Summa Foundation. Factors taken into account in the judging will be the simplicity and elegance of the expressions, their conformity with the known physical properties of the solution, and their accuracy for all values of the parameters involved in the problem. All scientists are eligible for the prize apart from an officer or director of the Summa Foundation, a member of the panel, or one of their immediate working associates. For details on the prize, please visit “http://www.ursi.org/EM%20Prize.htm”.

4. Preparation for XXVIIIth General Assembly of the International Union of Radio Science

The XXVIIIth General Assembly of the International Union of Radio Science (URSI) will be held in New Delhi, India on October 23-29, 2005. Please visit the web site “http://www.ursiga2005.org/index.htm” for the latest information of the conference. The present status on preparations of Commission B for the URSI GA 2005 (session details, etc.) can be found in a separate material attached to this report.