



# IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES

## SPECIAL ISSUE on MICROWAVES IN SPACE



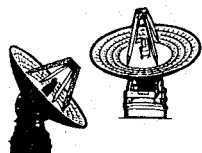
THE INTERNATIONAL SPACE YEAR 1992 is a global event that marks the 35th anniversary of the International Geophysical Year which ushered in the Space Age. ISY 92 will open a new era of global cooperation on the space frontier. The IEEE along with other professional organizations is committed to participate in ISY 92.



Among the IEEE Societies, the MTT-S has a particularly strong interest and involvement in space. Microwaves are essential to information collection and transfer, be it in the form of commercial communications, connecting links to space vehicles exploring the planets and deep space, sensing of the Earth's resources and conditions within its atmosphere, or sensing of the radiation from objects in deep space. In addition there is the potential for beaming power by microwaves for various space applications to expand the importance of microwaves in space.



Papers are solicited for a special issue of the IEEE transactions on Microwave Theory and Techniques on "MICROWAVES IN SPACE" to be published in April 1992. This special issue will document the importance of microwaves in space and help to set the scene for the future involvement of microwaves in space. Relevant topics of interest include but are not limited to the following areas:



MICROWAVE REMOTE SENSING, RADAR, RADIOMETRY,  
RADIO ASTRONOMY, COMMUNICATIONS, POWER  
TRANSFER, PROPULSION, PROPAGATION, RF POWER  
GENERATION, AMPLIFICATION, CONVERSION DEVICES,  
ANTENNAS, FEEDS, BEAM WAVEGUIDES, FILTERS  
POINTING, TRACKING

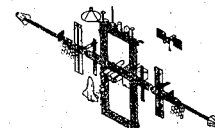


the guest editors for this special issue will be Richard M. Dickinson and William C. Brown.

Authors are requested to submit four copies of their manuscript in English by May 15, 1991 to:



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Manuscript information and clearance requirements are outlined on the outside back cover of most issues of the IEEE Transactions on Microwave Theory and Techniques.

