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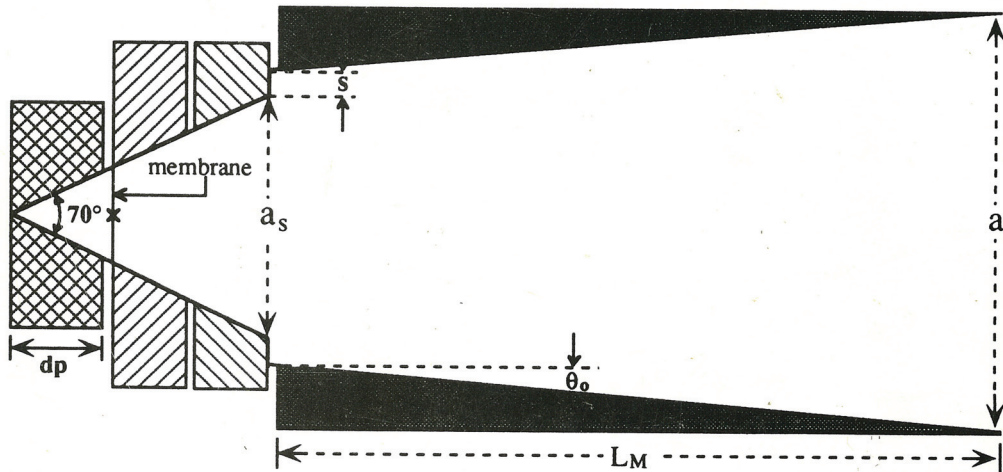
THIRD INTERNATIONAL SYMPOSIUM ON
SPACE TERAHERTZ TECHNOLOGY

JPL



The University
of Michigan

SYMPOSIUM PROCEEDINGS



Integrated on Si section

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March 24-26, 1992

University of Michigan
Ann Arbor, Michigan

Sponsored by:

NASA Office of Aeronautics and Space Technology (OAST), University Space Engineering Research Centers Program, with cooperative sponsorship by the Microwave Theory and Techniques Society of IEEE.

Organized Jointly by:

The University of Michigan's NASA Center for Space Terahertz Technology and JPL's Center for Space Microelectronics Technology.

Proceedings of the
THIRD INTERNATIONAL SYMPOSIUM ON
SPACE TERAHERTZ TECHNOLOGY

March 24-26, 1992

University of Michigan
Ann Arbor, Michigan

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Symposium Proceedings:

Valerie Kabat, University of Michigan

Group Photo

A group photo of some of the 1992 Symposium participants.



Preface

The Third International Symposium on Space Terahertz Technology was held at the University of Michigan in Ann Arbor, Michigan, on March 24-26, 1992. The Symposium, which was attended by approximately 165 scientists and engineers from the U.S., Europe, and Japan, featured papers relevant to the generation, detection, and use of the terahertz spectral region for space astronomy and remote sensing of the Earth's upper atmosphere. The program included thirteen sessions covering a wide variety of topics including solid-state oscillators, power-combining techniques, mixers, harmonic multipliers, antennas and antenna arrays, submillimeter receivers, and measurement techniques.

The Symposium was sponsored by the University Space Engineering Research Centers Program of NASA's Office of Aeronautics and Space Technology (OAST), and organized jointly by the University of Michigan's NASA Center for Space Terahertz Technology and JPL's Center for Space Microelectronics Technology. The Microwave Theory and Techniques Society of IEEE served as a cooperative sponsor of the Symposium, as well as a medium for publication of some of the papers that were presented at the Symposium in the form of a mini-special issue (April 1993) of the *IEEE-MTT Transactions*.

The Fourth International Symposium on Space Terahertz Technology will be held at the University of California, Los Angeles, on March 30-April 1, 1993.

Fawwaz T. Ulaby
Carl A. Kukkonen

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