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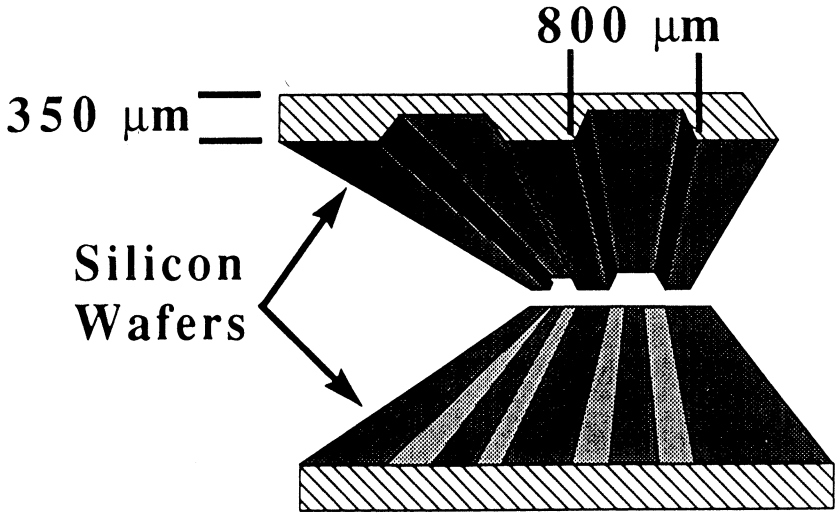
Fifth International Symposium on Space Terahertz Technology

JPL

The University of Michigan

Symposium Proceedings



Shielded Transmission Lines

May 10-12, 1994
Iacocca Auditorium, Herbert H. Dow Building
University of Michigan, Ann Arbor, Michigan

Sponsored by:
NASA Office of Advanced Concepts and Technology, University Space Engineering Research Centers Program, and cosponsored 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 FIFTH INTERNATIONAL SYMPOSIUM ON SPACE TERAHERTZ TECHNOLOGY

May 10-12, 1994

University of Michigan
Ann Arbor, Michigan

Symposium Co-chairs:	Fawwaz T. Ulaby, University of Michigan Carl Kukkonen, Jet Propulsion Laboratory
Technical Chair:	Gabriel M. Rebeiz, University of Michigan
Local Arrangements:	Janice Rosan, University of Michigan Sue Duncan, University of Michigan
Symposium Proceedings:	Janice Rosan, University of Michigan

Preface

The Fifth International Symposium on Space Terahertz Technology was held at the University of Michigan in Ann Arbor, Michigan, on May 10-12, 1994. The Symposium, which was attended by approximately 125 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 twelve 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 Advanced Concepts and Technology (OACT), 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 (1995) of the *IEEE-MTT Transactions*.

The Sixth International Symposium on Space Terahertz Technology will be held at the California Institute of Technology, Pasadena, California on March 21-23, 1995.

Fawwaz T. Ulaby
Carl Kukkonen

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