



Proceedings of the Twelfth International Symposium on Space Terahertz Technology

Imran Mehdi, Editor

*Jet Propulsion Laboratory, California Institute of Technology
Pasadena, California*

February 14–16, 2001

*Humphrey's Half Moon Inn, Shelter Island
San Diego, California*

D-21490

Terahertz Technology—from chips to systems

ALMA

***EOS-MIL 2.5 THz Receiver
Front End***

HERSCHEL

**National Aeronautics and
Space Administration**

**Jet Propulsion Laboratory
California Institute of Technology
Pasadena, California**

PREFACE

On behalf of the Steering committee I wish to thank all of the authors and presenters who have done a wonderful job of making this Symposium productive and enjoyable.

Fifty-three abstracts were accepted for oral presentations and a further sixteen submissions were accepted for poster presentations. The breakdown of the accepted abstracts in terms of broad technology areas is as following:

Hot Electron Bolometers	17
SIS technology	12
LO technology	16
Antennas, measurements etc	18
Direct detectors	6

All of the papers that were submitted on time have been included in the proceedings. Only a handful of papers were not submitted and they have been replaced with the accepted abstracts.

I would like to take this opportunity to thank people who have helped in the organization of this symposium. Pat McLane and her crew from JPL's Conference Administration Office have been instrumental in doing all of the hard work. Wei Lien Dang and Eric Lee for their invaluable assistance with the web and compilation of the proceedings. Dr. Peter Siegel, Dr. Rob McGrath, Dr. Boris Karasik, Dr. Tom Crowe and members of the steering committee helped with the review of the submitted abstracts. Financial support from Dr. Tim Krabach (JPL) was also instrumental and is much appreciated. This publication was prepared by the Jet Propulsion Laboratory, California Institute of Technology, under a contract with the National Aeronautics and Space Administration.

Imran Mehdi
(JPL)

12th International Symposium on Space Terahertz Technology Steering committee:

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Please note the dates and location for the 13th Intl. Symposium on Space Terahertz Technology to be held in 2002:

March 26-28th, 2002

At the Harvard Smithsonian Center for Astrophysics

Program Chair: Dr. Raymond Blundell
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12th International Symposium on Space Terahertz Technology

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