

MATERIALS RESEARCH SOCIETY
SYMPOSIUM PROCEEDINGS VOLUME 1163

Materials Research for Terahertz Technology Development

April 13-17, 2009
San Francisco, California, USA

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571
www.proceedings.com

ISBN: 978-1-61567-780-1

Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2009) by the Materials Research Society
All rights reserved.

Printed by Curran Associates, Inc. (2010)

For permission requests, please contact the Materials Research Society
at the address below.

Materials Research Society
Proceedings
506 Keystone Dr.
Warrendale, PA 15086

Phone: 724-779-3004 x 531
Fax: 724-779-4396

eproceedings@mrs.org

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2634
Email: curran@proceedings.com
Web: www.proceedings.com

CURRAN ASSOCIATES INC.
proceedings
.com

TABLE OF CONTENTS

THz Pulse Spectroscopy of Dynamic Plasmas: A New Diagnostic Tool	1
<i>B.H. Kolner</i>	
Broadband (0.3~11THz) Reflection Spectroscopy Using Terahertz Air Photonics	13
<i>X. Guo, I. Ho, X. Zhang</i>	
Materials Characterization using THz Ellipsometry	19
<i>T. Hofmann, C.M. Herzinger, J.A. Woollam, M. Schubert</i>	
Author Index	