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Front Matter: Volume 8193

, "Front Matter: Volume 8193," Proc. SPIE 8193, International Symposium on Photoelectronic Detection and Imaging 2011: Advances in Infrared Imaging and Applications, 819301 (21 September 2011); doi: 10.1117/12.905100

SPIE.

Event: International Symposium on Photoelectronic Detection and Imaging 2011, 2011, Beijing, China

PROCEEDINGS OF SPIE

*International Symposium on Photoelectronic
Detection and Imaging 2011*

Advances in Infrared Imaging and Applications

Jeffery J. Puschell
Junhao Chu
Haimei Gong
Jin Lu
Editors

Organized by
Photoelectronic Technology Professional Committee, CSA (China)
Tianjin Jinhang Institute of Technical Physics, CASIC (China)
Science and Technology on Low Light Level Night Vision Laboratory (China)

Sponsored by
Chinese Society of Astronautics (China)

Volume 8193

Proceedings of SPIE, 0277-786X, v. 8193

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International Symposium on Photoelectronic Detection and Imaging 2011: Advances in Infrared Imaging and Applications, Jeffery J. Puschell, Junhao Chu, Haimei Gong, Jin Lu, Eds., Proc. of SPIE Vol. 8193, 819301 · © 2011 SPIE · CCC code: 0277-786X/11/\$18 · doi: 10.1117/12.905100

Proc. of SPIE Vol. 8193 819301-1

The papers included in this volume were part of the technical conference cited on the cover and title page. Papers were selected and subject to review by the editors and conference program committee. Some conference presentations may not be available for publication. The papers published in these proceedings reflect the work and thoughts of the authors and are published herein as submitted. The publisher is not responsible for the validity of the information or for any outcomes resulting from reliance thereon.

Please use the following format to cite material from this book:

Author(s), "Title of Paper," in *International Symposium on Photoelectronic Detection and Imaging 2011: Advances in Infrared Imaging and Applications*, edited by Jeffery J. Puschell, Junhao Chu, Haimei Gong, Jin Lu, Proceedings of SPIE Vol. 8193 (SPIE, Bellingham, WA, 2011) Article CID Number.

ISSN 0277-786X

ISBN 9780819488343

Published by

SPIE

P.O. Box 10, Bellingham, Washington 98227-0010 USA

Telephone +1 360 676 3290 (Pacific Time) · Fax +1 360 647 1445

SPIE.org

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Printed in the United States of America.

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Introduction

We have had the great honor to organize the 4th International Symposium on Photoelectronic Detection and Imaging in Beijing; it follows ISPD12009 held also in Beijing in 2009. More than 1000 participants attended ISPD1 2011. The symposium provided a forum for the participants to report and review ideas and up-to-date comprehensive progress and developments and to discuss the novel approaches to application areas in the field of photoelectronic detection and imaging.

There were 720 papers accepted for presentation at ISPD1 2011, contributed by over 1,200 authors from nearly 20 countries, including: United States, Canada, Russia, United Kingdom, Germany, Ireland, Belgium, Poland, Czech Republic, South Africa, Australia, Korea, Japan, India, Malaysia, Singapore, China, and so on. We have nearly 100 international famous scientists and experts as invited speakers. The invited papers covered topics such as sensor and micromachined optical device technologies, laser sensing and imaging, infrared imaging and applications, imaging detector and applications, terahertz wave technologies and applications, space exploration technologies and applications, and related technologies and applications. It is sincerely hoped that the research and development in photoelectronic detection and imaging will be promoted, and the international cooperation sharing the common interest will be enhanced.

I would like to heartily to thank our sponsors and cooperative organizations for all they have done for the symposium. Thanks also to all the authors for their contributions to these proceedings, to all of the participants and friends for their interest and efforts in helping to make the symposium possible, to the organizing committee and the program committee for their effective work and valuable advice, especially the ISPD12011 Secretariat, and to the SPIE staff for their tireless effort and outstanding service in preparing and publishing the conference proceedings.

Again, we extend our warmest greetings to you and hope you have had a rewarding and exciting stay during ISPD1 2011.

Guofan Jin

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