PROCEEDINGS OF SPIE

International Symposium on Photoelectronic Detection and Imaging 2013

Optical Storage and Display Technology

Changsheng Xie
Yikai Su
Liangcai Cao
Editors

25–27 June 2013
Beijing, China

Organized by
Photoelectronic Technology Committee, Chinese Society of Astronautics • Tianjin Jinhang Institute of Technical Physics (China) • Science and Technology on Low Light Level Night Vision Laboratory (China) • Science and Technology on Optical Radiation Laboratory (China) • Science and Technology on Electromagnetic Scattering Laboratory (China)

Sponsored by
SPIE • The Optical Society • European Optical Society • Chinese Society of Astronautics

Published by
SPIE

Volume 8913

Proceedings of SPIE 0277-786X, V. 8913

SPIE is an international society advancing an interdisciplinary approach to the science and application of light.

International Symposium on Photoelectronic Detection and Imaging 2013: Optical Storage and Display Technology, edited by Changsheng Xie, Yikai Su, Liangcai Cao, Proc. of SPIE Vol. 8913, 891301
© 2013 SPIE · CCC code: 0277-786X/13/$18 · doi: 10.1117/12.2044136

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 2013: Optical Storage and Display Technology*, edited by Changsheng Xie, Yikai Su, Liangcai Cao, Proceedings of SPIE Vol. 8913 (SPIE, Bellingham, WA, 2013) Article CID Number.

ISSN: 0277-786X
ISBN: 9780819497826

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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Introduction

We have had the great honor of organizing the Fifth International Symposium on Photoelectronic Detection and Imaging (ISPDI) in Beijing. It was truly a great pleasure for us to greet the more than 1,200 participants from many different countries attending ISPDI 2013! I firmly believe that the symposium will become an important international event in the field of photoelectronic detection and imaging technology.

ISPDI 2013 was sponsored by SPIE, The Optical Society, European Optical Society, and the Chinese Society of Astronautics, and was organized by the Photoelectronic Technology Committee, Chinese Society of Astronautics, Tianjin Jinhang Institute of Technical Physics, Science and Technology on Low Light Level Night Vision Laboratory, Science and Technology on Optical Radiation Lab. and Science and Technology on Electromagnetic Scattering Lab. There were 26 cooperating organizations that supported the meeting. Nearly 850 papers were accepted for presentation at ISPDI 2013, contributed by over 1,370 authors from more than 10 countries, including the United States, United Kingdom, Germany, France, Norway, Australia, Canada, Japan, Korea, Russia, China, and so on. We had seven plenary speeches and 135 famous scientists and experts from home and abroad to present the invited talks at 10 different conferences.

The purpose of ISPDI 2013 is to provide a forum for the participants to report and review the innovative ideas and up-to-date progress and developments, and discuss the novel approaches to applications in the field of photoelectronic detection and imaging. It is sincerely hoped that the research and developments in optical and photoelectronic fields will be promoted, and that international cooperation and the sharing of common interests will be enhanced.

On behalf of Prof. Konstantin Vodopyanov, and the other conference chairs, and the Organization Committee of ISPDI, I would like to heartily thank our sponsors and cooperating organizations for all they have done for the meeting. Thanks also to all the authors for their contributions to the proceedings, to all of the participants and friends for their interest and efforts in helping us make the symposium possible, to the Program Committee for their effective work and valuable advice, and especially the ISPDI 2013 Secretariat and the SPIE staff for their tireless effort and outstanding service in preparing the meeting and publishing the conference proceedings.

Guofan Jin