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Front Matter: Volume 11439

, "Front Matter: Volume 11439," Proc. SPIE 11439, 2019 International Conference on Optical Instruments and Technology: Optoelectronic Measurement Technology and Systems, 1143901 (12 March 2020); doi: 10.1117/12.2566206

SPIE.

Event: 2019 International Conference on Optical Instruments and Technology, 2019, Beijing, China

PROCEEDINGS OF SPIE

*2019 International Conference on Optical
Instruments and Technology*

Optoelectronic Measurement Technology and Systems

**Jigui Zhu
Kexin Xu
Hai Xiao
Sen Han**
Editors

**26–28 October 2019
Beijing, China**

Sponsored by
CIS— China Instrument and Control Society (China)

Cosponsored and Published by
SPIE

Volume 11439

Proceedings of SPIE 0277-786X, V. 11439

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

2019 International Conference on Optical Instruments and Technology: Optoelectronic Measurement Technology and Systems, edited by Jigui Zhu, Kexin Xu, Hai Xiao, Sen Han, Proc. of SPIE Vol. 11439, 1143901
© 2020 SPIE · CCC code: 0277-786X/20/\$21 · doi: 10.1117/12.2566206

Proc. of SPIE Vol. 11439 1143901-1

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Author(s), "Title of Paper," in *2019 International Conference on Optical Instruments and Technology: Optoelectronic Measurement Technology and Systems*, edited by Jigui Zhu, Kexin Xu, Hai Xiao, Sen Han, Proceedings of SPIE Vol. 11439 (SPIE, Bellingham, WA, 2020) Seven-digit Article CID Number.

ISSN: 0277-786X
ISSN: 1996-756X (electronic)

ISBN: 9781510636569
ISBN: 9781510636576 (electronic)

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

With the deepening and intensification of information, a wider range of information sources and acquisition methods have become the basis for societal development. Because of its large capacity, high efficiency and high precision, optoelectronic measurement technology has become the main means of information sensing and acquisition. It has and will continue to play an important role in important fields such as consumer electronics, industrial manufacturing, environmental protection, and scientific research.

The optoelectronic measurement research covers a rich variety of content including lots of areas from scientific research, manufacturing industry, to daily life and the scope will continue to be expanded and the content to be more and more in-depth. On one hand, traditional optoelectronic measurement research and application represented by the background of industrial measurement and optoelectronic detection have been constantly improved and concerned performances have been constantly improved as well. On the other hand, the needs of optoelectronic measurement represented by the optical interferometry and optical dynamic measurement have been emerging ceaselessly, as well as the continued development of measuring methods and applications.

More than 60 manuscripts have been accepted (2 invited manuscripts and 21 oral presentations) in the branch of OIT 2019—Optoelectronic Measurement Technology and Systems, ranging many research fields including optoelectronic measurement, optical instruments, industrial metrology, optical interferometry, optical fiber sensing, etc. These manuscripts appropriately reflect the current focusing problems and research level of the optoelectronic measurement field.

Jigui Zhu
Kexin Xu
Hai Xiao
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