PROCEEDINGS OF SPIE

2017 International Conference on Optical Instruments and Technology

Optoelectronic Devices and Optical Signal Processing

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Editors

28–30 October 2017
Beijing, China

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

Published by
SPIE

Volume 10617

Proceedings of SPIE 0277-786X, V. 10617

2017 International Conference on Optical Instruments and Technology: Optoelectronic Devices and Optical Signal Processing, edited by Y. Dong, J. Chen, F. Bretenaker, Proc. of SPIE Vol. 10617, 1061701 · © 2018 SPIE · CCC code: 0277-786X/18/$18 · doi: 10.1117/12.2316707

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Please use the following format to cite material from these proceedings:
Author(s), "Title of Paper," in *2017 International Conference on Optical Instruments and Technology: Optoelectronic Devices and Optical Signal Processing*, edited by Yi Dong, Jian Chen, Fabien Bretenaker, Proceedings of SPIE Vol. 10617 (SPIE, Bellingham, WA, 2018) Seven-digit Article CID Number.

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

ISBN: 9781510617452
ISBN: 9781510617469 (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

Printed in the United States of America.

Publication of record for individual papers is online in the SPIE Digital Library.

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Introduction

The advent and progress of novel optoelectronics devices and components, including nano-photonics devices and integrated optics, allow for the achievement of novel optical signal processing systems and subsystems. This would lead to the realization of advanced optical communication systems and networks, optical measurement technologies, and other novel applications. The development of these techniques will facilitate and expedite the implementation of optical systems in all aspects and represent an impressive feat of science and technology in these fields.

The topics of the Optoelectronics Devices and Optical Signal Processing section of OIT'2017 cover integrated photonics, novel optoelectronic devices and technologies, emerging optoelectronic systems and subsystems, and their applications in optical signal processing, optical measurement, sensing, and optical communication systems and networks. More than 40 papers were accepted in this section, which have reported the state-of-the-art progresses, results, and achievements in the relevant communities.

Yi Dong
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