

PROCEEDINGS OF SPIE

Holography, Diffractive Optics, and Applications VII

Yunlong Sheng

Chongxiu Yu

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Editors

12–14 October 2016

Beijing, China

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SPIE

Volume 10022

Proceedings of SPIE 0277-786X, V. 10022

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

Holography, Diffractive Optics, and Applications VII, edited by Yunlong Sheng, Chongxiu Yu,
Changhe Zhou, Proc. of SPIE Vol. 10022, 1002201 · © 2016 SPIE
CCC code: 0277-786X/16/\$18 · doi: 10.1117/12.2266330

Proc. of SPIE Vol. 10022 1002201-1

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Please use the following format to cite material from these proceedings:

Author(s), "Title of Paper," in *Holography, Diffractive Optics, and Applications VII*, edited by Yunlong Sheng, Chongxiu Yu, Changhe Zhou, Proceedings of SPIE Vol. 10022 (SPIE, Bellingham, WA, 2017) Seven-digit Article CID Number.

ISSN: 0277-786X

ISSN: 1996-756X (electronic)

ISBN: 9781510604636

ISBN: 9781510604643 (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

The Proceedings SPIE volume 10022, *Holography, Diffractive Optics, and Applications VI* is a collection of papers presented in Photonics Asia 2016, Beijing China, co-sponsored by Chinese Optics Society (COS) and the SPIE. The Conferences Holography, Diffractive Optics and Applications have been hold in Photonics Asia and published in the Proceedings SPIE since 2000. The papers published in the volume 10022 are from different countries and regions including China, Korea, Japan, Taiwan, Canada and Russian etc, and touch various aspects of the holography and diffractive optics reflecting the current research activities on the holography, diffractive optics and their applications.

This Proceeding includes a wide range of applications of the holography and diffractive optics, as well as new applications to digital holography, 3D imaging and display, computational holography, diffraction in nanostructure, polarization holography, diffractive gratings and spin optics. It also highlights the new development in the technology of fabrication.

We are glad to see that most scheduled oral talks were presented in person. We thank all authors, including invited, oral and post papers for their active participations. It is also our pleasure to jointly edit this Proceeding on this exciting research area of Holography and Diffractive Optics. We acknowledge the help from the SPIE and COS, especially Matt Novak and Scott Schrum, for their timely interaction during the whole process of the conference, including editing this proceeding.

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