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Holography, Diffractive Optics, and Applications VII

Yunlong Sheng

Chongxiu Yu

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Chongxiu Yu, Beijing University of Posts and Telecommunications
(China)
- 6 Devices and Polarization Holograms
Haitao Liu, Nankai University (China)
- 7 Optical Metrology
Jianlin Zhao, Northwestern Polytechnical University (China)
- 8 Applications
Xiaodi Tan, Beijing Institute of Technology (China)
- 9 Computational Holography I
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- 10 Computational Holography II
Yunlong Sheng, Université Laval (Canada)

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.

**Yunlong Sheng
Chongxiu Yu
Changhe Zhou**

