

PROCEEDINGS OF SPIE

Holography, Diffractive Optics, and Applications VI

**Yunlong Sheng
Chongxiu Yu
Changhe Zhou**
Editors

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Introduction

The proceedings of SPIE volume 9271, "Holography, Diffractive Optics, and Applications VI" is a collection of 64 papers presented at the Photonics Asia 2014 Symposium in Beijing, China. The Symposium was co-sponsored by Chinese Optical Society (COS) and SPIE. The Holography, Diffractive Optics, and Applications conference in the Photonics Asia Symposium has been held since 2000 and published in the SPIE proceedings respectively. The papers published in volume 9271 are from 15 countries and regions including China, Korea, Japan, Taiwan, Hong Kong, Singapore, Germany, Poland, Canada, Australia, France, Brazil, Russian, UK and the U.S. They represent the various aspects of holography and diffractive optics demonstrating high volume research activities worldwide on holography, diffractive optics and their applications.

A large number of papers in this proceedings volume show a wide range of applications of holography and diffractive optics. New applications to 3D imaging and display, digital holography, computational holography, nanostructured metasurface holograms, photonics crystals, and diffractive gratings have been highlighted in the conference along with new development in the technology of fabrication.

It is a real pleasure for us to jointly edit these proceedings on this exciting research area of holography and diffractive optics after very active presentations and exciting discussions among the participants from the research community of all parts of the world at the conference. We acknowledge the help from SPIE and COS and their efforts in running the conference sessions and publishing these proceedings.

**Yunlong Sheng
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