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Practical Holography XXVIII: Materials and Applications

**Hans I. Bjelkhagen
V. Michael Bove, Jr.**
Editors

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Introduction

The SPIE Practical Holography Conference, which takes place every year in early February, is an important international event in the field of holographic applications and recording materials. This year marks the twenty-eighth meeting of the Practical Holography conference, which is part of the Photonics West event. The conference provides a venue for all aspects of holography: art, display, metrology, scientific, security, storage, materials and processes, and CGHs and HOEs. The conference also brings together participants from all over the world. In addition, an evening Holography Technical Meeting focuses on new developments, applications, holography events, and demonstrations.

This year's conference, as always, featured long-time participants and new members of the Practical Holography community. They shared many novel and interesting contributions in various holographic fields during two days of oral presentations and a poster session. The oral presentations divided into seven sessions on four main topics: materials and processes, applications, perception and art, and digital holography. The materials and processes papers show the continued innovations in ways of capturing and reproducing holograms, while digital holography presentations show the increasing maturity of methods for real-time acquisition and display of dynamic holographic imagery. Artistic and communicative uses of holography have always been an important part of this event, and the chairs are pleased to see the continuation of this tradition. As always, holography is finding its place in yet more applications, and new methods are being developed in support of the needs of the expanded application domains.

The conference chairs would like to thank the authors, both those new to this conference and returning authors, as well as the session chairs and the program committee members, for their contributions to this conference. We look forward to seeing you again in San Francisco in February 2015. And we invite those readers of this volume who have not previously taken part to consider joining us.

Hans I. Bjelkhagen
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