Front Matter: Volume 8254

, "Front Matter: Volume 8254," Proc. SPIE 8254, Emerging Digital Micromirror Device Based Systems and Applications IV, 825401 (21 March 2012); doi: 10.1117/12.930988

SPIE.

Event: SPIE MOEMS-MEMS, 2012, San Francisco, California, United States

PROCEEDINGS OF SPIE

Emerging Digital Micromirror Device Based Systems and Applications IV

Michael R. Douglass
Patrick I. Oden
Editors

23–25 January 2012
San Francisco, California, United States

Sponsored by
SPIE

Cosponsored by
DLP Texas Instruments (United States)
Dyoptyka (Ireland)
VUZIX Corporation (United States)

Published by
SPIE

Volume 8254

Proceedings of SPIE, 0277-786X, v. 8254

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

The papers included in this volume were part of the technical conference cited on the cover and title page. Papers were selected and subject to review by the editors and conference program committee. Some conference presentations may not be available for publication. The papers published in these proceedings reflect the work and thoughts of the authors and are published herein as submitted. The publisher is not responsible for the validity of the information or for any outcomes resulting from reliance thereon.

Please use the following format to cite material from this book:
Author(s), "Title of Paper," in *Emerging Digital Micromirror Device Based Systems and Applications IV*, edited by Michael R. Douglass, Patrick I. Oden, Proceedings of SPIE Vol. 8254 (SPIE, Bellingham, WA, 2012) Article CID Number.

ISSN 0277-786X
ISBN 9780819488978

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.

SPIEDigitalLibrary.org

Paper Numbering: Proceedings of SPIE follow an e-First publication model, with papers published first online and then in print and on CD-ROM. Papers are published as they are submitted and meet publication criteria. A unique, consistent, permanent citation identifier (CID) number is assigned to each article at the time of the first publication. Utilization of CIDs allows articles to be fully citable as soon as they are published online, and connects the same identifier to all online, print, and electronic versions of the publication. SPIE uses a six-digit CID article numbering system in which:

- The first four digits correspond to the SPIE volume number.
- The last two digits indicate publication order within the volume using a Base 36 numbering system employing both numerals and letters. These two-number sets start with 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 0A, 0B … 0Z, followed by 10-1Z, 20-2Z, etc.

The CID number appears on each page of the manuscript. The complete citation is used on the first page, and an abbreviated version on subsequent pages. Numbers in the index correspond to the last two digits of the six-digit CID number.

Contents

Conference Committee

Symposium Chair

Harald Schenk, Fraunhofer Institute for Photonic Microsystems (Germany)

Symposium Cochair

David L. Dickensheets, Montana State University (United States)

Conference Chairs

Michael R. Douglass, Texas Instruments Inc. (United States)
Patrick I. Oden, Texas Instruments Inc. (United States)

Program Committee

Michael F. Becker, The University of Texas at Austin (United States)
Jonathan T. Fong, Texas Instruments Inc. (United States)
Roland Höfling, ViALUX GmbH (Germany)
Alfred Jacobsen, Visitech AS (Germany)
Paul Rancuret, Texas Instruments Inc. (United States)
Joseph P. Rice, National Institute of Standards and Technology (United States)
Karel J. Zuzak, Digital Light Innovations (United States)

Session Chairs

1 Biomedical Imaging and Cell Manipulation Using a Digital Micromirror Device I: Joint Session with Conference 8225
Calum E. MacAulay, The BC Cancer Agency Research Centre (Canada)
Michael R. Douglass, Texas Instruments Inc. (United States)

2 Picoprojectors: Systems and Components: Joint Session with Conference 8252
Paul Rancuret, Texas Instruments Inc. (United States)
Yong-Hwa Park, Samsung Advanced Institute of Technology (Korea, Republic of)

3 Biomedical Imaging and Cell Manipulation Using a Digital Micromirror Device II: Joint Session with Conference 8225
Karel J. Zuzak, Digital Light Innovations (United States)
James F. Leary, Purdue University (United States)