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## Front Matter: Volume 10128

, "Front Matter: Volume 10128," Proc. SPIE 10128, Broadband Access  
Communication Technologies XI, 1012801 (22 February 2017); doi:  
10.1117/12.2275082

**SPIE.**

Event: SPIE OPTO, 2017, San Francisco, California, United States

# PROCEEDINGS OF SPIE

## ***Broadband Access Communication Technologies XI***

**Benjamin B. Dingel**  
**Katsutoshi Tsukamoto**  
**Spiros Mikroulis**  
*Editors*

**31 January–1 February 2017**  
**San Francisco, California, United States**

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SPIE

**Volume 10128**

Proceedings of SPIE 0277-786X, V. 10128

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

Broadband Access Communication Technologies XI, edited by Benjamin B. Dingel,  
Katsutoshi Tsukamoto, Spiros Mikroulis, Proc. of SPIE Vol. 10128, 1012801  
© 2017 SPIE · CCC code: 0277-786X/17/\$18 · doi: 10.1117/12.2275082

Proc. of SPIE Vol. 10128 1012801-1

The papers 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. Additional papers and presentation recordings may be available online in the SPIE Digital Library at [SPIDigitalLibrary.org](http://SPIDigitalLibrary.org).

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

Author(s), "Title of Paper," in *Broadband Access Communication Technologies XI*, edited by Benjamin B. Dingel, Katsutoshi Tsukamoto, Spiros Mikroulis, Proceedings of SPIE Vol. 10128 (SPIE, Bellingham, WA, 2017) Seven-digit Article CID Number.

ISSN: 0277-786X  
ISSN: 1996-786X (electronic)

ISBN: 9781510606975  
ISBN: 9781510606982 (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  
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Printed in the United States of America.

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## Introduction

Welcome to the proceedings from the Photonics West OPTO 2017 conference on Broadband Access Communication Technologies XI.

This year we added a new conference chair, Dr. Spiros Mikroulis from Huawei Technologies at European Research Center in Munich, Germany. Dr. Mikroulis was formerly with the Univ. College London, UK.

We continued our tradition in providing multiple-joint-sessions to cut across different areas at these conferences. These excellent joint sessions are made possible through the cooperation and leadership of all the four conference chairs involved. We are very grateful to these conference chairs coming from:

Broadband Access Communication Technologies (Conference 10128),  
Optical Metro Networks and Short-Haul Systems IX (Conference 10129),  
Next Generation Optical Communication: Components, Sub-Systems, and Systems VI (Conference 10130), and  
Next-Generation Optical Networks for Data Centers and Short-Reach Links IV (Conference 10131).

We introduced a new Best Student Paper Award selected from the pool of student papers who submit to any of the four different conferences mentioned above. The awards were sponsored by Corning Inc. and NEL America and carry a \$500 prize. We encourage students to submit papers for next year 2018.

Lastly, we thank the speakers and authors of all invited and contributed papers, as well as the technical program committee members for their valuable efforts. We appreciate the great assistance of the SPIE staff that make this conference strong and successful.

**Benjamin B. Dingel**  
**Katsutoshi Tsukamoto**  
**Spiros Mikroulis**

