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# PROCEEDINGS OF SPIE

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

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

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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**

