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# ***Broadband Access Communication Technologies VII***

**Benjamin B. Dingel**  
**Raj Jain**  
**Katsutoshi Tsukamoto**  
*Editors*

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# Introduction

Welcome to the Photonics West 2013 conference 'Broadband Access Communication Technologies VII'.

Since 2011, we have attempted to provide a holistic program with multiple joint sessions that cut across the three optical-communication related conferences, namely;

- (1) Broadband Access Communication Technologies,
- (2) Optical Metro Networks and Short-Haul Systems, and
- (3) Next Generation Optical Communication: Components, Subsystems, and Systems, (formerly Coherent Optical Communication: Components, Subsystems, and Systems).

This is our third year in continuing this successful format in order to promote broad as well as in-depth discussions and disseminations of inter-related designs, developments, and performances of various emerging communication technologies across the access-area, optical metro-area, and long-haul space.

Furthermore, this year we also added special panel discussion on hot topics though the large efforts of Dr. Atul K. Srivastava, one of the co-chairs of the Optical Metro Networks and Short-Haul Systems conference.

With regards to the Broadband Access Communication conference, we continue to provide discussions and dissemination of information on platform technologies such as optical fiber-based, radio-over-fiber-based, photonics-based, copper-based, satellite-based, mobile wireless-based, and power-line communications, and emerging technologies such as green broadband access and data centers.

We are honored to assemble well-known invited speakers and are encouraged to receive high quality contributed technical papers from Asia, Europe, and North America as is evident in our programs. These interesting papers and talks, together with excellent joint sessions, are made possible through the cooperation and leadership of all the three conference chairs involved.

The continuing success of this conference is strongly due to all the speakers and authors of all the contributed and invited papers, the valuable efforts of the technical program committee members, and the great assistance of the SPIE staff.

**Benjamin B. Dingel**  
**Raj Jain**  
**Katsutoshi Tsukamoto**

