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***Broadband Access
Communication Technologies VI***

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Raj Jain
Katsutoshi Tsukamoto**
Editors

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Introduction

It is our continuing pleasure to welcome all of you to the Photonics West 2012 conference on Broadband Access Communication Technologies VI. This is our sixth year and our on-going purpose is still to promote discussions and disseminations of design, development, and performance of various types of emerging broadband access communication technologies.

Since last year, we have attempted to provide an integrated program with multiple joint sessions that cut across the three optical-communication related conferences, namely;

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

The three conferences have assembled well-known invited speakers and solicited high quality technical papers coming from Asia, Europe, and North America as evident in our programs. These excellent joint sessions are made possible through the cooperation and leadership of all conference chairs involved.

In particular, we in the Broadband Access Communication conference continue to provide discussions and disseminations for 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 that have relevance to the optical Metro as well as to the emerging technologies of Coherent Communications. We have invited a number of well-known speakers to present the current and future trends of these broadband access technologies as well as the economics of pricing in access.

Finally, we acknowledge and appreciate the speakers and authors of all the contributed and invited papers, the technical program committee members, and SPIE staff for all their valuable efforts. The success of this conference is strongly due them.

Benjamin Dingel
Raj Jain
Katsutoshi Tsukamoto

