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Front Matter: Volume 8645

, "Front Matter: Volume 8645," Proc. SPIE 8645, Broadband Access
Communication Technologies VII, 864501 (4 February 2013); doi:
10.1117/12.2019887

SPIE.

Event: SPIE OPTO, 2013, San Francisco, California, United States

PROCEEDINGS OF SPIE

Broadband Access Communication Technologies VII

Benjamin B. Dingel
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Katsutoshi Tsukamoto
Editors

5–7 February 2013
San Francisco, California, United States

Sponsored and Published by
SPIE

Volume 8645

Proceedings of SPIE 0277-786X, V.8645

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

Broadband Access Communication Technologies VII, edited by Benjamin B. Dingel, Raj Jain, Katsutoshi Tsukamoto,
Proc. of SPIE Vol. 8645, 864501 · © 2013 SPIE · CCC code: 0277-786X/13/\$18 · doi: 10.1117/12.2019887

Proc. of SPIE Vol. 8645 864501-1

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 *Broadband Access Communication Technologies VII*, edited by Benjamin B. Dingel, Raj Jain, Katsutoshi Tsukamoto, Proceedings of SPIE Vol. 8645 (SPIE, Bellingham, WA, 2013) Article CID Number.

ISSN: 0277-786X

ISBN: 9780819494146

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 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