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Editors

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Contents

- vii *Conference Committee*
- ix *Introduction*

TERABIT CAPACITY, FLEXIBLE-GRID OPTICAL TRANSMISSION SYSTEMS, AND ADVANCED ACCESS NETWORK: JOINT SESSION WITH CONFERENCES 8645, 8646, AND 8647

- 8645 03 **100-GHz and 300-GHz coherent radio-over-fiber transmission using optical frequency comb source** [8645-2]
A. Kanno, T. Kuri, I. Hosako, T. Kawanishi, National Institute of Information and Communications Technology (Japan); Y. Yasumura, Y. Yoshida, K. Kitayama, Osaka Univ. (Japan)
- 8645 04 **FDMA-PON architecture according to the FABULOUS European project** [8645-3]
S. Abrate, Istituto Superiore Mario Boella (Italy); R. Gaudino, Politecnico di Torino (Italy); B. Charbonnier, France Telecom Orange (France)

NEXT GENERATION ACCESS NETWORK

- 8645 06 **Active devices in next-generation access networks (Invited Paper)** [8645-5]
L. H. Spiekman, Aliphion Corp. (United States)
- 8645 07 **Constellation design for next-generation hierarchically-modulated PON systems** [8645-6]
N. Shibata, N. Iiyama, J. Kani, S.-Y. Kim, J. Terada, N. Yoshimoto, NTT Access Network Service System Labs. (Japan)
- 8645 08 **WDM-PON budget extension techniques for Nx10 Gbit/s DPSK signals** [8645-7]
A. Emsia, Q. T. Le, D. Briggmann, F. Küppers, Technical Univ. Darmstadt (Germany)
- 8645 09 **Next generation PON evolution (Invited Paper)** [8645-8]
A. Srivastava, Indian Institute of Technology, Mandi (India)
- 8645 0A **Chirp-managed lasers as cost-efficient transmitters for 10-Gbit/s WDM-PONs** [8645-9]
Q. T. Le, A. Emsia, D. Briggmann, F. Küppers, Technical Univ. Darmstadt (Germany)

MM-WAVE-, RADIO-OVER-FIBER SYSTEMS, AND COHERENT WIRELESS LINKS

- 8645 0B **Developments in photonic and mm-wave component technology for fiber radio (Invited Paper)** [8645-10]
S. Iezekiel, Univ. of Cyprus (Cyprus)
- 8645 0D **Seamless integration of 100-G wire line and 100-GHz wireless link system (Invited Paper)** [8645-12]
Z. Dong, ZTE USA (United States); J. Yu, X. Li, N. Chi, Fudan Univ. (China)

- 8645 OE **Effect of the degree of phase-correlation of laser sources on the transmission and optical coherent detection in radio-over-fiber systems** [8645-13]
R. Maldonado-Basilio, R. Li, S. Abdul-Majid, H. Nikkhah, Univ. of Ottawa (Canada);
K.-W. Leong, Viscore Technologies Inc. (Canada); T. J. Hall, Univ. of Ottawa (Canada)
- 8645 OF **Power consumption of communication systems employing radio-over-fiber distributed antenna systems for railway** [8645-14]
T. D. Pham, A. Kanno, T. Kawanishi, National Institute of Information and Communications Technology (Japan)

EMERGING OPTICAL WIRELESS AND RADIO ACCESS NETWORKS

- 8645 OG **Optical wireless applications: a solution to ease the wireless airwaves spectrum crunch (Invited Paper)** [8645-15]
M. Kavehrad, The Pennsylvania State Univ. (United States)
- 8645 OH **Novel 60 GHz CPW array antennas with beam-forming features for indoor wireless over fiber networks** [8645-16]
I. Petropoulos, S. Mikroulis, A. Bogris, Technological Educational Institute of Athens (Greece); H. Simos, Technological Educational Institute of Pireus (Greece); K. Voudouris, Technological Educational Institute of Athens (Greece)
- 8645 OJ **Investigation on a low-cost single wavelength converged wired-60 GHz wireless OFDM-based system employing a photonic patch antenna** [8645-18]
S. Mikroulis, Technological Educational Institute of Athens (Greece) and Athens Information Technology (Greece); I. Aldaya, Telecom Paris-Tech (France); I. Petropoulos, Technological Educational Institute of Athens (Greece); E. Giacomidis, Telecom Paris-Tech (Greece); K. Voudouris, Technological Educational Institute of Athens (Greece); I. Tomkos, Athens Information Technology (Greece)
- 8645 OK **Proposal of adaptive wireless cell configuration for RoF-DAS over WDM-PON system** [8645-19]
T. Iwakuni, Osaka Univ. (Japan); K. Miyamoto, NTT Access Network Service System Labs. (Japan); T. Higashino, Nara Institute of Science and Technology (Japan); K. Tsukamoto, Osaka Institute of Technology (Japan); S. Komaki, Malaysia-Japan International Institute of Technology (Malaysia); T. Tashiro, Y. Fukada, J. Kani, N. Yoshimoto, NTT Access Network Service System Labs. (Japan); K. Iwatsuki, Tohoku Univ. (Japan)

ADVANCED VISIBLE LIGHT COMMUNICATION SYSTEMS: JOINT SESSION WITH CONFERENCES 8645 AND 8646

- 8645 OL **QPSK modulation for AC-power-signal-biased visible light communication system** [8645-20]
Y.-F. Liu, National Chiao Tung Univ. (Taiwan); C.-H. Yeh, Industrial Technology Research Institute (Taiwan) and Fu Jen Catholic Univ. (Taiwan); C.-W. Chow, National Chiao Tung Univ. (Taiwan); Y. Liu, Hong Kong Productivity Council (Hong Kong, China)
- 8645 OM **Comparison of VLC-based indoor positioning techniques** [8645-21]
W. Zhang, M. Kavehrad, The Pennsylvania State Univ. (United States)

- 8645 ON **Demonstration of using digital FIR filter and matched filter to increase data rate in visible light communication** [8645-22]
Y.-F. Liu, National Chiao Tung Univ. (Taiwan); C.-H. Yeh, Industrial Technology Research Institute (Taiwan) and Fu Jen Catholic Univ. (Taiwan); C.-W. Chow, P.-Y. Huang, National Chiao Tung Univ. (Taiwan); Y. Liu, Hong Kong Productivity Council (Hong Kong, China)

POSTER SESSION

- 8645 OP **Sensing RF signals with the optical wideband converter** [8645-24]
G. C. Valley, G. A. Sefler, T. J. Shaw, The Aerospace Corp. (United States)
- 8645 OQ **Overview of the performances of PMMA-SI-POF communication systems** [8645-26]
S. Straullu, S. Abrate, Istituto Superiore Mario Boella (Italy)
- 8645 OR **Precoding techniques for PAPR reduction in asymmetrically clipped OFDM based optical wireless system** [8645-28]
B. Ranjha, M. Kavehrad, The Pennsylvania State Univ. (United States)
- 8645 OT **Minimalist-design, high-functionality, micro-ring resonator-based optical filter with narrow linewidth and low group delay using Looped Back Over- and Under-coupled Resonator (LOBOUR)** [8645-30]
B. Ye, Binghamton Univ. (United States); B. B. Dingel, Nasfinc Photonics Inc. (United States); W. Cui, Binghamton Univ. (United States)

Author Index

Conference Committee

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Peter Van Daele, Universiteit Gent (Belgium)

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- 1 Optical Communication Plenary Session: Joint Session with Conferences 8645, 8646, and 8647
Benjamin B. Dingel, Nasfine Photonics, Inc. (United States)
Atul K. Srivastava, NEL America, Inc. (United States)
- 2 Terabit Capacity, Flexible-Grid Optical Transmission Systems, and Advanced Access Network: Joint Session with Conferences 8645, 8646, and 8647
Guifang Li, CREOL, The College of Optics and Photonics, University of Central Florida (United States)
Werner Weiershausen, Deutsche Telekom AG (Germany)
- 3 Integrated Network Photonics Devices for Next-Generation Network: Joint Session with Conferences 8645, 8646, and 8647
Martin Bouda, Fujitsu Network Communications Inc. (United States)
Benjamin B. Dingel, Nasfine Photonics, Inc. (United States)
- 4 Next Generation Access Network
Bishnu P. Pal, Indian Institute of Technology Delhi (India)
Spiros Mikroulis, Technological Educational Institute of Athens (Greece)
- 5 MM-Wave-, Radio-Over-Fiber Systems, and Coherent Wireless Links
Katsutoshi Tsukamoto, Osaka Institute of Technology (Japan)
- 6 Emerging Optical Wireless and Radio Access Networks
Achyut K. Dutta, Banpil Photonics, Inc. (United States)
Katsutoshi Tsukamoto, Osaka Institute of Technology (Japan)
- 7 Advanced Visible Light Communication Systems: Joint Session with Conferences 8645 and 8646
Mohsen Kavehrad, The Pennsylvania State University (United States)

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

