

Postdeadline Paper (PDP) Session 1

Thursday, July 3 14:00-15:30, Room A (Conference Hall)

Presider: Takehiro Tsuritani (KDDI Research, Inc.)

Prog. No	Presentation Title	Authors	Affiliations
PDP-A-1	Demonstration of Analog Radio-over-Fiber based Joint-Transmission Budgets Extension Using Field-installed Hollow-Core Fiber Links	Kojiro Nishimura, Yoshihiko Uematsu, Satoru Okamoto, Naoaki Yamanaka	Keio Univ.
PDP-A-2	Field Demonstration of Deployed Submarine Seven-core Fiber Cable for SDM Communications over 140 km Relayed by C+L Band Multicore EDFA	Yingyu Chen ¹ , Jinkai Zhou ² , Hanyu Gao ¹ , Yongguang Xiao ¹ , Bofan Guo ² , Jinpei Li ¹ , Ruqi Chen ¹ , Runzhou Qiu ³ , Cheng Du ⁴ , Lei Shen ⁵ , Xiaozhen Xie ⁶ , Yuelin Yan ⁷ , Guangquan Wang ⁸ , Jiajing Tu ² , Shecheng Gao ² , Zhengyong Liu ¹ , Zhaohui Li ¹ , Chao Lu ^{1,9}	1.Sun Yat-sen Univ., 2.Jinan Univ., 3.IV-VI PIC Technology Co., Ltd., 4.FiberHome Telecommunication Technologies Co., Ltd., 5.State Key Laboratory of Optical Fiber and Cable Manufacture Technology, YOFC, 6.Fiberhome Marine Network Equipment Co., Ltd., 7.China Mobile Communications Group Guangdong Co., Ltd., 8.China United Network Communications Company Limited, 9.The Hong Kong Polytechnic Univ.
PDP-A-3	High Resolution Distributed Fiber-Optic Sensing over Repeated Trans-Oceanic Cables	Mikael Mazur ¹ , Nicolas K. Fontaine ¹ , Martin Karrenbach ² , Roland Ryf ¹ , Lauren Dallachiesa ¹ , David Winter ¹ , Valey Kamalov ³ , Jeewan Naik ⁴ , Kishore Padmaraju ⁴ , Ajay Mistry ⁴ , Haoshuo Chen ¹ , David T. Neilson ¹	1.Nokia Bell Labs, 2.Seismics Unusual LLC, 3.Valey Kamalov LLC, 4.Nokia Advanced Optics
PDP-A-4	First City-Scale Deployment of DASs with Satellite Imagery and AI for Live Telecom Infrastructure Management	Ming-Fang Huang ¹ , Tingfeng Li ¹ , Shaobo Han ¹ , Biplob Debnath ¹ , Eric Cosatto ¹ , Tina Zheng ¹ , Scott Kotrla ² , Glenn A. Wellbrock ² , Tiejun J. Xia ² , Jeffrey A. Mundt ² , Ting Wang ¹ , Yoshiaki Aono ³ , Koji Asahi ³	1.NEC Labs America, 2.Verizon, 3.NEC Corporation

Postdeadline Paper (PDP) Session 2

Thursday, July 3 14:00-15:30, Room B (Mid-sized Hall 1)

Presider: Hiroshi Takahashi (Sophia Univ.)

Prog. No	Presentation Title	Authors	Affiliations
PDP-B-1	Optical Transmitter with Silicon Slow-Light Modulator and BiCMOS Current-Mode Driver Achieving 0.78 pJ/bit Total Bit Energy and 0.66 mm ² Footprint	Keisuke Kawahara ¹ , Tai Tsuchizawa ² , Noritsugu Yamamoto ² , Yuriko Maegami ² , Koji Yamada ² , Shinsuke Hara ³ , Toshihiko Baba ¹	1.Yokohama National Univ., 2.National Institute of Advanced Industrial Science and Technology, 3.National Institute of Information and Communications Technology
PDP-B-2	Record 50 GHz Bandwidth 1060 nm Metal-aperture Coupled-cavity VCSELs Enabling 240 Gbps PAM4 Modulation	Hameeda Ragab Ibrahim ^{1,2} , Ahmed Mohamed Hassan ^{1,3} , Chang Ge ¹ , Xiaodong Gu ^{1,4} , Fumio Koyama ¹	1.Institute of Science Tokyo, 2.Minia Univ., 3.Al-Azhar Univ., 4.Ambition Photonics Inc.
PDP-B-3	Micro-transfer-printed Silicon/Thin-film Lithium Niobate Hybrid Mach-Zehnder Modulator with Low-loss Inter-layer Transition	Toshiya Murai ¹ , Rai Kou ¹ , Cong Guangwei ¹ , Yohei Yamashita ² , Masahiko Imai ² , Kazumasa Takabayashi ² , Koji Yamada ¹	1.National Institute of Advanced Industrial Science and Technology, 2.Furukawa FITEL Optical Components Co., Ltd.
PDP-B-4	Wideband-Tunable Programmable Microwave Photonic Filter on Silicon	Wenqing Zhang, Zekun Li, Zexv Wang, Hao Yan, Yiwei Xie, Daoxin Dai	Zhejiang Univ.