

Session Title:	[PDP] Post-deadline Papers Session
Session Date:	August 7 (Wed.), 2024
Session Time:	17:30-18:50
Session Room:	Room C (107-109)
Session Chair(s)	Prof. Hyunyoung Choi (Seoul Nat'l Univ., Korea)

[PDP-1] 17:30-17:40

Efficient High-power Diffraction-limited Fibre Laser with a Record Low Quantum Defect of 1.7%

Monica T. Kalichevsky-Dong, Samuel Bingham, Thomas W. Hwkins, Bailey Meeham (Clemson Univ., USA), Peter Dragic (Univ. of Illinois Urbana-Champaign, USA), John Ballato, and Liang Dong (Clemson Univ., USA)

[PDP-2] 17:40-17:50

Electroluminescence from Isolated Color Centers in Hexagonal Boron Nitride

Gyuna Park (POSTECH, Korea), Ivan Zhigulin (Univ. of Tech. Sydney, Australia), Hoyoung Jung (POSTECH, Korea), Jake Horder, Karin Yamamura (Univ. of Tech. Sydney, Australia), Yerin Han, Hyunje Cho, Hyeon-Woo Jeong (POSTECH, Korea), Kenji Watanabe, Takashi Taniguchi (Nat'l Inst. for Materials Science, Japan), Myungchul Oh, Gil-Ho Lee, Moon-Ho Jo (POSTECH, Korea), Igor Aharonovich (Univ. of Tech. Sydney, Australia), and Jonghwan Kim (POSTECH, Korea)

[PDP-3] 17:50-18:00

Taking a Snapshot of a Laser Waveform Using Plasma Fluorescence in Ambient Air

Kyunghoon Yeom, Wosik Cho, Jeong-uk Shin, Bin Kim, Sung In Hwang, Jae Hee Sung, and Kyung Taec Kim (GIST, Korea)

[PDP-4] 18:00-18:10

Ultrafast Nonlocal Effects in a BIC Metasurface Revealed by Spatially Selective Femtosecond Pumping

Daniil A. Shilkin, Son Tung Ha, Ramon Paniagua-Dominguez, and Arseniy I. Kuznetsov (A*STAR, Singapore)

[PDP-5]

18:10-18:20

First Field Trial of Hybrid Fiber Sensing with Data Transmission Resulting in Enhanced Sensing Sensitivity and Spatial Resolution

Ming-Fang Huang, Ezra Ip, Yue-Kai Huang, Shaobo Han, Junqiang Hu (NEC Labs America, USA), Eduardo Mateo (NEC Corp., Japan), Ting Wang (NEC Labs America, USA), Tiejun J. Xia, Glenn A. Wellbrock (Verizon, USA), Yoshiaki Aono, and Koji Asahi (NEC Corp., Japan)

[PDP-6]

18:20-18:30

Field Trial on Photonic THz Real-Time Transmission of 50Gbit/s over 1km Wireless Link

Zhidong Lyu, Lu Zhang (Zhejiang Univ., China), Chanming Zhang (Zhejiang Lab, China), Zuoming Yang, Xing Fang, Qiuzhuo Deng, Kangpeng Ye, Zhe Ding, Tianyu Li (Zhejiang Univ., China), Oskars Ozolins (KTH Royal Inst. of Tech., Sweden), Guangyi Liu (China Mobile Communication Research Inst., China), Xiaodan Pang (KTH Royal Inst. of Tech., Sweden), and Xianbin Yu (Zhejiang Univ., China)

[PDP-7]

18:30-18:40

On-chip Spectrometer with Reconfigurable Performance and Very-low Power Consumption

Xiaozhuo Zhao, Shilong Pan, and Ang Li (Nanjing Univ. of Aeronautics and Astronautics, China)

[PDP-8]

18:40-18:50

Ultra-narrow-linewidth High-power Hybrid Integrated Self-injection Locking Laser on the Silicon Platform

Xinhang Li, Yuyao Guo, Siyu E, Yihao Fan, Chuxin Liu, Minhui Jin, Weihan Xu, Liangjun Lu, Yu Li, Jianping Chen, and Linjie Zhou (Shanghai Jiao Tong Univ., China)