

Grand Ballroom 4 (Grand Ballroom 4), 2F

P2

Poster Session II

June 30 (Tue), 2026

16:30-18:00

P2-1 16:30-18:00

A Digital Low-Dropout Regulator for Silicon Photonic Thermo-Optic Tuning Applications

Jenchieh Liu¹, Hsuan-Cheng Liu¹, Zhen Jie Hong²

¹National United University, ²Feng Chia University

P2-2 16:30-18:00

Measurement of Electrical Crosstalk Intensity in Dual-Parallel Mach-Zehnder Modulator

Taiki Aritomi, Qingchuan Huang, Tetsuya Kawanishi

Waseda University

P2-3 16:30-18:00

Design of Circular Antenna Integrated Microring Resonator Optical Modulator for 100 GHz Band Radio over Fiber Systems

Jihan Ryu¹, Yuto Yamada¹, Hiroshi Murata², Taro Arakawa¹

¹Yokohama National University, ²Mie University

P2-4 16:30-18:00

Ultra-Wideband InP/EO Polymer Modulators with Coaxial Segmented Electrodes

Kensuke Ikai, J Fujikata

Tokushima University

P2-5 16:30-18:00

Silicon Nitride Slot Waveguide Thermo-Optic Phase Modulator Embedded in Polymer Layer

Min-Cheol Oh, Siuh Wei Tan, Eun-su Lee, Kwon-Wook Chun, Jinung Jin

Pusan National University

P2-6 16:30-18:00

Identical-Active III-V Laser and Electro-Absorption Modulator on SOI for Silicon Photonic O-Band Applications

HoSung Kim, Dongsik Shim, Rafael Chu, Youngzoon Yoon, Bongyoung Jang, Jaesoong Lee, Byunghoon

Na, JungHo Cha, Young-Geun Roh

Samsung Electronics

P2-7 16:30-18:00

The Zero-Static-Power MZI Optical Convolution Matrix Based on Sb₂S₃

Qiuyan Yao, Libin Zhang, Daqing Meng, Yijie Liang, Hui Hui, Jie Zhang

Beijing University of Posts and Telecommunications

P2-8 16:30-18:00

Plasmonic Lead Zirconate Titanate Phase Modulator

Liao Chen¹, Ruiji Gao¹, Jihao Zhao¹, Feng Qiu², Chi Zhang¹, Yang Liu¹, Xinliang Zhang¹

¹Wuhan National Laboratory for Optoelectronics, ²Juhe Electro-Optic Tech. Co. Ltd.

P2-9 16:30-18:00

Fabrication of a DBR Resonator Based on Nb₂O₅ Horizontal Slot Waveguides with a 100-nm-Thick Hollow Slot for Sensing Devices

Katsumi Nakatsuhara, Umi Endo, Nao Suzuki, Yoshiki Hayama

Kanagawa Institute of Technology

P2-10 16:30-18:00

Quantitative Characterization of Nonlinear Resonance Shifts in Silicon Microrings Using Multi-FSR Probe Characterization

Chia-Chien Wei, Shou-Ting Peng, Huei-Hua Lai, Yung-Jr Hung
National Sun Yat-sen University

P2-11 16:30-18:00

Time-Domain Interleaving Model for Nonlinear Dynamics in Silicon Micro-Ring Modulators

Zhiyuan Zhou^{1,3}, Zhihan Sun^{1,3}, Yueyang Yu^{1,3}, Yu Lu^{1,3}, Qingyun Xian^{1,3}, Qi Tian^{1,3}, Changyu Hu², Hao Hu², Jun Liu², Shengjiang Dai², Shuang Zheng^{1,3,4}, Minming Zhang^{1,3,4}

¹Huazhong University of Science and Technology, ²Hubei Jiufengshan Laboratory, ³National Engineering Research Center for Next Generation Internet Access System, ⁴Optics Valley Laboratory

P2-12 16:30-18:00

A 36 Gb/s Silicon Micro-Ring Modulator Transmitter with Driver Resistance Optimized for Bonding-Wire Inductance

Sehwan Park¹, Dae-Won Rho², Yongjin Ji¹, Jaewon Lee¹, Woo-Young Choi¹

¹Yonsei University, ²Texas A&M University

P2-13 16:30-18:00

SiN 2 × 2 Mach-Zehnder Thermo-Optic Switch with P_π < 40 mW and Response Time < 30 μs

Yuanhao Li, Haojie Xue, Luyang Liu, Yichen Zhang, Lei Zhang
Beijing University of Posts and Telecommunications

P2-14 16:30-18:00

Resonance-Enhanced Coherence Network for an On-Chip IR Computational Spectrometer

Zhijie Wei, Zunyue Zhang, Rui Niu, Tiegeng Liu, Zhenzhou Cheng
Tianjin University

P2-15 16:30-18:00

Optical Switch Using Cascaded Rotatable Diffractive Layers

Mian Wu¹, Lin Wu¹, Zichen Liu², Jin Tao^{1,2}

¹China Information and Communication Technologies Group Corporation, ²Peng Cheng Laboratory

P2-16 16:30-18:00

Dual-Size Microlens Array Integration on 6×6 Arrayed Photodetector

Y. Ohnuki^{1,2}, T. Umezawa², N. Yamamoto², K. Akahane, T. Kawanishi^{1,2}

¹Waseda University, ²National Institute of Information and Communications Technology

P2-17 16:30-18:00

High-Efficiency Fiber-to-Silicon Nitride Grating Coupling Enabled by Printed Diffractive Optical Elements

Zhuo Deng^{1,2}, Shu Jiang¹, Jianran Zhang^{1,2}, Jiahao Wei^{1,2}, Kenneth K.Y. Wong^{1,2}

¹Advanced Biomedical Instrumentation Centre, ²The University of Hong Kong

P2-18 16:30-18:00

Inverse Design of Photonic Devices in Hybrid Silicon Nitride-on-Lithium Niobate Platform

Aman Verma, Varun Raghunathan
Indian Institute of Science

P2-19 16:30-18:00

Inverse Design of Photonic Devices via Gradient-Guided Network Screening

Qi Zhou¹, Jiahao Li¹, Ming Luo², Lin Wu², Bohao Sun², Hanbing Li², Ying Qiu², Hailong Zhou³, Xiang Li¹

¹China University of Geosciences, ²State Key Laboratory of Optical Communication Technologies and Networks, ³Huazhong University of Science and Technology

P2-20 16:30-18:00

Patterning Technology of Benzocyclobutene-Based Graphene Modulator on Si Photonics

Era Budi Prayekti, Wei-Cheng Feng, Rih-You Chen, Yanita Devi, Chun-Hu Chen, Yi-Jen Chiu
National Sun Yat-sen University

P2-21 16:30-18:00

Compact Silicon Nitride Passive Components Optimized via Fused Polygon Search Algorithm

Yi Xu, Lei Zhang
Beijing University of Posts and Telecommunications

P2-22 16:30-18:00

Si₃N₄ Bend at O-Band with 25- μ m Radius and 5 mdB/90° via Modified Hermite Optimization

Donghao Li, Yi Xu, Lei Zhang
Beijing University of Posts and Telecommunications

P2-23 16:30-18:00

Frequency Doubling to Quintupling by Using Phase to Intensity Modulation

Sangjoon, Park, Kyoungsik Yu
Korea Advanced Institute of Science and Technology

P2-24 16:30-18:00

Low-Scattering-Loss Waveguide Bragg Gratings via Femtosecond Laser Direct Writing Method

Jiacheng Hu¹, Yuying Wang¹, Xuhu Han¹, Lijing Zhong², Jianrong Qiu¹
¹Zhejiang University, ²Ningbo University

P2-25 16:30-18:00

Low Loss Edge Couplers for Thin Film Deeply Etched Lithium Niobate Integrated Circuits

Christian Niclaas Saggau, Michael Galili, Leif Katsuo Oxenløwe, Yunhong Ding
Technical University of Denmark

P2-26 16:30-18:00

VAD-Based Radiation-Hardened Optical Fiber for High-Temperature Nuclear Applications

Dae Seung Moon¹, Chang Hyun Jung¹, Minhyeok Wie¹, Gukbeen Ryu², Wookjin Jeong², Youngwoong Kim², Jongyeol Kim², Young Ho Kim³
¹Taihan Fiberoptics Co., Ltd, ²Korea Atomic Energy Research Institute, ³Korea Photonics Technology Institute

P2-27 16:30-18:00

Optical Cable Identification to Reduce Service Recovery Time

Hongseok Shin, Hyunbin Na
SK Telecom

P2-28 16:30-18:00

Birefringence Properties of PM Double Clad Fiber Depending on Geometry and Materials of Stress-Applying Parts

Suh-young Kwon¹, Taeho Woo¹, Janghyun Ryu¹, Jaesun Kim², Ju Han Lee¹
¹University of Seoul, ²Taihan Fiberoptics

P2-29 16:30-18:00

Measurement of GAWBS Phase Noise Correlation in Two-Core Fiber

Tetsuya Yoshida, Masato Yoshida, Keisuke Kasai, Toshihiko Hirooka, Masataka Nakazawa
Tohoku University

P2-30 **16:30-18:00**

Contact-Position Detection based on Reflection Spectrum Variations in Wet-Etched POF

Yuri Wada¹, Koyo Shibuta², Motoki Kouchi², Keito Ishida², Taiki Kumagai³, Keita Kikuchi^{1,3}, Shimbu Shirai³, Daisuke Yamane², Yosuke Mizuno³, Heeyoung Lee¹

¹Shibaura Institute of Technology, ²Ritsumeikan University, ³Yokohama National University

P2-31 **16:30-18:00**

Experimental Demonstration of Online Random Bit Generation by Mixing Chaotic Signals with a Pulse-Amplitude Modulation Signal

Itzel S. Castillo-Garcia^{1,2}, Ignacio E. Zaldivar-Huerta¹, Min Won Lee²

¹Instituto Nacional de Astrofísica, Óptica y Electrónica, ²Université Sorbonne Paris Nord

P2-32 **16:30-18:00**

Crosstalk Characteristics of Two Core Fiber Submarine Cables

Yuki Kawaguchi¹, Hirotaka Sakuma¹, Tetsuya Haruna¹, Tetsuya Hayashi¹, Hideki Yamaguhi¹, Masaaki Hirano¹, Takemi Hasegawa¹, Keisuke Yasuhara², Juan Carlos Aquino², Daishi Masuda²

¹Sumitomo Electric Industries, Ltd., ²OCC Corporation

P2-33 **16:30-18:00**

Cobalt Doped Single Mode Optical Fiber with Flat Attenuation within Telecom Band

Haitao Zhang, Joseph E McCarthy, Rick C Layton, Anthony Carapella, David E Baker, Guangran Zhang, Ming-Jun Li

Corning Incorporated

P2-34 **16:30-18:00**

On the Impacts of Polarization Related Impairments in OPGW

Shengqi Qian¹, Fang Chen¹, Bozhong Li¹, Yi Zhang¹, Ruyi Zhang¹, Rongjia Lei¹, Yixuan Zhang², Xianhua Liu², Chuanbowen Sun²

¹State Grid Information & Telecommunication Center, ²Huawei Technologies Co., Ltd.

P2-35 **16:30-18:00**

Fiber Bending-Induced Wavelength-Dependent Loss Monitoring via Spectral Power Tracing

Yu Wang¹, Shengnan Li², Zhengsi Shi¹, Hong Zhu¹, Ying Zhou¹, Yixin Zhao¹, Jingjing Shi¹, Wenbin Chen², Min Zhang², Danshi Wang²

¹China United Network Communications Group Co., Ltd., ²Beijing University of Posts and Telecommunications

P2-36 **16:30-18:00**

Temperature-Insensitive Photon Buffer based on a Hybrid PANDA Fiber Configuration

Eun Chae Ha^{1,2}, Hee Su Park², Kwang Yong Song¹

¹Chung-Ang University, ²Korea Research Institute of Standard and Science

P2-37 **16:30-18:00**

Design and Fabrication of a 10-Fold Pitch-Converting Fused Fiber FIFO for High Yield

Kazusa Shinno¹, Yusuke Fujii², Soichi Kobayashi², Naoto Yoshimoto¹

¹Chitose Institute of Science and Technology, ²Photonic Science Technology Inc.

P2-38 **16:30-18:00**

EDA-RoF: Elastic Digital-Analog Radio-Over-Fiber (RoF) Modulation and Demodulation Architecture Enabling Seamless Transition between Analog-RoF and Digital-RoF

Xiaobo Zeng¹, Liangcai Chen¹, Pan Liu¹, Ruonan Deng²

¹Xiangtan University, ²National University of Defense Technology

P2-39 **16:30-18:00**

Impact of Single-WSS Architecture on Wavelength Requirements in Colorless-Directionless ROADMs

Masahiro Kitada¹, Fuma Sato¹, Takashi Miyamura², Satoru Okamoto², Naoaki Yamanaka², Masahiko Jinno^{1,2}

¹Kagawa University, ²Keio Frontier Research & Education Collaborative Square

P2-40 **16:30-18:00**

Experimental Evaluation of Coherent Transceiver Mode Optimization for IP over DWDM with Multi-Model YANG Support

Tatsuya Matsumura¹, Kazuya Anazawa¹, Hideki Nishizawa¹, Yoshiaki Sone¹, Betoule Christophe², Olivier Renais², Dmitrii Briantcev³, Daniel Kilper³

¹NTT, Inc., ²Orange Innovation/Networks, ³Trinity College Dublin

P2-41 **16:30-18:00**

Simultaneous 5G NR Signal and Power Transmission over a Hollow-Core Fiber for Radio Units without Power Amplifiers

Ryotaro Osada¹, Satoshi Fujita¹, Yuki Gomi¹, Takeshi Takagi², Kazunori Mukasa², Motoharu Matsuura^{1,3}

¹University of Electro-Communications, ²Lightera Japan Co., Ltd., ³Keio University

P2-42 **16:30-18:00**

Adaptive Trellis-Path Control MLSE based on Gaussian Mixture Model Fitting for O-Band Net 400-Gbps PAM-6 IM-DD 2-km Transmission

Hiroki Taniguchi, Shuto Yamamoto, Masanori Nakamura, Yukinobu Nakajima, Etsushi Yamazaki
NTT, inc.

P2-43 **16:30-18:00**

Robust Service Migration under Network State Data Missing for Industrial PON-MEC: A Tensor-Train-Enhanced DRL Approach

Shu Dong¹, Jin Li², Yintao Li³, Menghui Li⁴, Danshi Wang¹, Min Zhang¹

¹Beijing University of Posts and Telecommunications, ²South China Normal University, ³State Grid Jibei Electric Power Company Limited, ⁴State Grid Jibei Information and Telecommunication Company

P2-44 **16:30-18:00**

Flow-Aware Scheduling for Hybrid AWGR-MEMS Optical Switching in Data Centers

Tingting Bao, Xin Li, Yongli Zhao, Meng Lian, Jie Zhang
Beijing University of Posts and Telecommunications

P2-45 **16:30-18:00**

Evaluation of Transmission throughput Increase in Approximate-Computing Interconnection Networks Using PAM Signals

Eisuke Hara, Tasuku Takabuchi, Itsuro Morita
Waseda University

P2-46 **16:30-18:00**

Experimental Demonstration of a Hardware-Based Multi-Band RF Platform for Radio-over-Fiber Transmission

Joon Young Huh¹, Jongwan Kim¹, Hun-Sik Kang¹, Byoung Chul Lim², Young Jin Lee², Gang Deuk Yun², Jun Ki Lee¹

¹Electronics & Telecommunications Research Institute, ²FRTeK Co., Ltd.

P2-47 **16:30-18:00**

A Safety Guardrail Framework for AI Agents in Optical Network Configuration Loops

Hong Zhu¹, Yidi Wang², Zhi Meng¹, Shengsheng Sha¹, Dan Wang¹, Mingyu Xia¹, Ting Lan¹, Min Zhang², Danshi Wang²

P2-48 **16:30-18:00**

Two-Branch Transformer-CNN-Based Adaptive Compensation Network for Phase Noise in Photonic Terahertz OFDM System

Shenao Cai, Jianguo Yu, Long Zhou, Tong Li, Zhanjiang Wang, Feixiang Zhang
Beijing University of Posts and Telecommunications

P2-49 **16:30-18:00**

Real-Time Simplified MLSE with Shift-Only Branch Metrics for High-Speed IM/DD Systems

Meiqi Li, Zijin Zhou, Wenjun Yu, Weihao Ni, Baihui Jiang, Jialin Zhou, Ziyang Li, Zuyu Li, Fan Li
Sun Yatsen University

P2-50 **16:30-18:00**

Linear Power-over-Fiber Transmission System Using 10km Hollow Core Fiber

Yao Guo, Yuemei Li, Yuyao Wu, Jie An, Zhiguo Zhang
Beijing University of Posts and Telecommunications

P2-51 **16:30-18:00**

Diversity-Enhanced Fluorescent Fiber Antennas for MIMO VLC Systems

Xingchen Yu¹, Zhihong Zeng¹, Dengke Wang¹, Fengli Yang¹, Cuiwei He², Chen Chen¹
¹Chongqing University, ²Japan Advanced Institute of Science and Technology

P2-52 **16:30-18:00**

Control of Interacting Spin-Pulse Waveforms in an Oscillator-Less Photonic Ising Machine and Its Similarity to the AM Mode-Locking of a Laser

Masataka Nakazawa, Toshihiko Hirooka
Tohoku University

P2-53 **16:30-18:00**

A White-Box Low-Complexity Hybrid Neural Equalizer with LMS-Only Transfer for IM/DD PAM-4 Short-Reach Links

Ming-Lin Kan¹, Benedictus Yohanes Bagus Widhianto², Jyehong Chen¹
¹National Yang Ming Chiao Tung University, ²MediaTek Inc.

P2-54 **16:30-18:00**

Delay-Based Photonic Reservoir Computing Equalizer for IM/DD NRZ-OOK Fiber Links

Kaveesha Gimhana¹, Christina Lim¹, Ampalavanapillai Nirmalathas¹, Yui Otagaki², Hiroshi Murata²
¹The University of Melbourne, ²Mie University

P2-55 **16:30-18:00**

Modified Transition-Based Decision Feedback Equalization for VCSEL-Based Short-Reach IM/DD System

Meng-Ci Sie¹, Benedictus Yohanes Bagus Widhianto², Jyehong Chen¹
¹National Yang Ming Chiao Tung University, ²MediaTek Inc.

P2-56 **16:30-18:00**

Optical Wireless Communication System Combining MIMO and Diversity Techniques

Yuki Sato, Shiro Ryu
Meiji University

P2-57 **16:30-18:00**

A Refined Shared-Pruned FNN-Based Equalizer for Cost-Effective IM/DD Transmission

Cancan Chen^{1,2}, Zhaopeng Xu¹, Qi Wu³, Tonghui Ji⁴, Honglin Ji¹, Xu Zhang¹, Zhongliang Sun¹, Linsheng Fan¹, Jianwei Tang¹, Junpeng Liang¹, Jinlong Wei¹, Zhixue He¹, Weisheng Hu¹

¹Pengcheng Laboratory, ²Sun Yat-sen University, ³The Hong Kong Polytechnic University, ⁴Great Bay University

P2-58 **16:30-18:00**

Nonlinear Compensation of TDSC-IM Signals Using Complex-Valued Reservoir Computing

Hayata Sukigara, Wataru Imajuku
Meijo University

P2-59 **16:30-18:00**

Robust EEPN-Aware Signal Detection with Anisotropic Additive-Noise Approximation

Buwei He, Jingyi Lyu, Zimo Cui
Beijing Normal-Hong Kong Baptist University

P2-60 **16:30-18:00**

Hidden-Layer Unit Requirements of Complex-Valued Extreme Learning Machine for Fiber-Optic Nonlinearity Mitigation

Hidetoshi Nishida¹, Kizuku Ochiri¹, Takumi Yamamoto¹, Takahide Sakamoto², Naokatsu Yamamoto³, Moriya Nakamura¹

¹Meiji University, ²Tokyo Metropolitan University, ³National Institute of Information and Communications Technology

P2-61 **16:30-18:00**

Robust Neural Equalization via Bagging Ensembles in 50-GBd PAM6 DML Links

Yuting Xu^{1,2}, Zhaopeng Xu¹, Cancan Chen¹, Zhixue He¹, Chuanchuan Yang³, Yuping Zhao³
¹Pengcheng Laboratory, ²Peking University Shenzhen Graduate School, ³Peking University

P2-62 **16:30-18:00**

Hut Skipping Using Data Distribution for Long-Haul Terrestrial Fiber-Optic Transmission

Silas Lasak Hedeboe, Arjun Kurur, Christian Koefoed Schou, Oliver Malte Lüllhoff Larsen, Deming Kong, Leif Katsuo Oxenløwe
Technical University of Denmark

P2-63 **16:30-18:00**

Impact of Amplified Spontaneous Emission Noise on Optical Multi-Eigenvalue Modulated Signal

Kojiro Nakagawa, Kazuma Nishino, Shogo Nakao, Ken Mishina, Akihiro Maruta
The University of Osaka

P2-64 **16:30-18:00**

Fiber Nonlinearity Mitigation Using ComplexValued Reservoir Computing with Dispersion Compensation Preprocessing

Shunya Uchide¹, Soya Shimonura¹, Takumi Yamamota¹, Tsuyoshi Yamada¹, Takahide Sakamoto², Naokatsu Yamamoto³, Moriya Nakamura¹

¹Meiji University, ²Tokyo Metropolitan University, ³National Institute of Information and Communications Technology

P2-65 **16:30-18:00**

A Physics-Informed Fourier Neural Operator for Fiber Nonlinearity Compensation in WDM Coherent Optical Systems

Haoqian Yu, Xinyu Zhu, Haiqiang Wei, Chao Lu, Alan Pak Tao Lau, Kangping Zhong
The Hong Kong Polytechnic University

P2-66 **16:30-18:00**

Quaternion-Valued Reservoir Computing-Based Nonlinear Equalizer for Fiber Nonlinearity Mitigation

Yuto Ishigami¹, Kizuku Ochri¹, Shunya Uchide¹, Soya Shimomura¹, Takumi Yamamoto¹, Tsuyoshi Yamada¹, Yuki Arisawa¹, Takahide Sakamoto², Naokatsu Yamamoto³, Moriya Nakamura¹

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P2-67 **16:30-18:00**

FPGA-Based Quantum Random Number

Generation and Photon-Number-Resolving Analysis Using Time-Multiplexed SPAD

Lien-Chun Hsu, Yi-Shan Lee

National Tsing Hua University

P2-68 **16:30-18:00**

Robust Generation of Topological Biphoton Mode via Adiabatic Passage

Jaesung Lim, Jihwan Kim, Dong-Gil Im, Kyungdeuk Park, Dongkyu Kim, Yonggi Jo, Yong Sup Ihn

Agency for Defense Development

P2-69 **16:30-18:00**

Integrated Reconfigurable Time-Frequency Mode Encoded Quantum State Generator

Bangmin Gong¹, Liao Ye¹, Qishen Liang¹, Baojie Hou¹, Yongdi Zhang¹, Haoran Ma¹, Huihui Zhu¹, Yuehai Wang¹, Jianyi Yang^{1,2}

¹Zhejiang University, ²Jinhua Institute of Zhejiang University

P2-70 **16:30-18:00**

CMOS Camera-Based Ultra-Precise Real-Time Beam Tracking System for Free-Space Quantum Key Distribution

Jongcheol Won¹, Hye Lyn Kwak², Minchul Kim¹, Jin-Woo Kim¹, Byung-Seok Choi¹, Chun Ju Youn¹

¹Electronics and Telecommunications Research Institute, ²Korea University

P2-71 **16:30-18:00**

Cascaded Squeezing of Coherent States with Phase Diffusion and Loss

Yunseo Jeong, Seongjin Hong

Yonsei University

P2-72 **16:30-18:00**

High-Resolution Optical Spectrum Analysis Using a Compact VCSEL-Swept Architecture

Sanghoon Chin, Séverine Denis, Ewelina Obrzud

Centre Suisse d'Électronique et de Microtechnique

P2-73 **16:30-18:00**

Classification of Microplastic Mixtures in Raman Spectroscopy Using 1D-CNN

Yuki Taguchi, Hideki Yokoi

Shibaura Institute of Technology

P2-74 **16:30-18:00**

High-Precision Fiber-Optic Vibration Recognition Using MulDasDSConvMamba

Haoyi Sun¹, Zhiguo Zhang¹, Ziyang Xiao², Hua Wang², Luming Li²

¹Beijing University of Posts and Telecommunications, ²State Grid JiangXi Information&Telecommunication Branch

P2-75 **16:30-18:00**

Non-Contact Cardiac Monitoring Using mmWave Radar and Diffusion-Based ECG Reconstruction

Tzu-Chi Tsai, Jyehong Chen

National Yang Ming Chiao Tung University

P2-76 **16:30-18:00**

Advances in Resonant Micro-Optic Gyroscopes

Yaqi Yong, Binjie Li, Bo Wang, Shuang Liu, Huilian Ma
Zhejiang University

P2-77 **16:30-18:00**

Method for Measurement Range Extension in the Time Domain of the Self-Coupling Laser Velocimeter and Operational Considerations

Daiki Sato, Norio Tsuda
Aichi Institute of Technology

P2-78 **16:30-18:00**

Two-Dimensional Motor Vibration Sensor based on Fiber Bragg Gratings

Yuan-Hong Lin, Kuan-Chen Yeh, Wen-Fung Liu, Shih-Hsien Hsu, Shian-Ming Liu
Feng Chia University

P2-79 **16:30-18:00**

Improvement of Recognition Rate of Optoelectronic Convolution Computing based on Pixel Filling Method

Ruo-xing Guo, Yu-lu Zhou, Zhi-guo Nie, Yan-feng Bi, Yong-pan Gao, Chuan Wang
Beijing University of Posts and Telecommunications