
Session Title:	[We2E] Novel Fiber Devices I
Session Date:	August 7 (Wed.), 2024
Session Time:	10:45-12:15
Session Room:	Room E (114)
Session Chair(s)	Prof. Kwang Yong Song (Chung-Ang Univ., Korea)

[We2E-1] [Invited] 10:45-11:15

Scaling Fiber Mode Counts to 100 and Beyond: Light Guidance via Topological Confinement
Siddharth Ramachandran (Boston Univ., USA)

[We2E-2] 11:15-11:30

Ultrahigh Mode-selectivity Photonic Lantern based on Asymmetric Multicore Fiber Tapering
Cong Zhang, Yuwen Qin, and Songnian Fu (Guangdong Univ. of Tech., China)

[We2E-3] 11:30-11:45

Chip-integrated Optical Fiber Bending Sensing System
Fan Shi, Chengxiang Jiang, Li Fang, Jiabin Yan, and Yongjin Wang (Nanjing Univ. of Posts and Telecommunications, China)

[We2E-4] 11:45-12:00

Fiber Interferometry 3D Imaging based on Wavelength Multiplexing Beam Steering
Huiyeon Kim, Min Uk Jung, Sang Min Park, and Chang-Seok Kim (Pusan Nat'l Univ., Korea)

[We2E-5] 12:00-12:15

Cavity Alteration of Whispering-Gallery Mode Optical Fibre Microresonators with High Precision CO₂ Laser
Mohd Narizee Mohd Nasir (The Nat'l Univ. of Malaysia, Malaysia), Ganapathy Senthil Murugan, and Michalis N. Zervas (Univ. of Southampton, UK)