

Room B (Grand Ballroom 2), 2F

Chair: Jasesun Kim (Taihan Fiberoptics)

We1B

July 1 (Wed), 2026

Fiber Lasers

08:30-10:00

We1B-1

08:30-08:45

Femtosecond All-Polarization-Maintaining Yb Doped Fiber Laser for Stable Supercontinuum Generation

Kaiyan Huang¹, Hong Jin¹, Siwei Peng¹, H. Y. Fu², Qian Li¹

¹Peking University, ²Tsinghua University

We1B-2

08:45-09:00

Near-Zero Dispersion Soliton from an All-PM Linear-Cavity Tm-Doped Fiber Laser with Interferometric Mode-Locking

Yixuan Liu¹, Siwei Peng¹, H. Y. Fu², Qian Li¹

¹Peking University, ²Tsinghua University

We1B-3

09:00-09:15

Passive Harmonic Mode-Locking of a Diode-Pumped Fiber-Optic Cesium Vapor Laser

Sunghoon Jeong¹, Seokjin Kim², Kyunghwan Oh^{1,3}, Seongjin Hong¹

¹Yonsei University, ²Korea Institute of Science and Technology, ³Nazarbayev University School of Sciences and Humanities

We1B-4

09:15-09:30

Study of Failure Modes Caused by High-Power Leakage in Hollow-Core Fibers

Takeshi Takagi¹, Keita Takahata¹, Kazunori Mukasa¹, Balint Varady², Zoltan Varallyay²

¹Lightera Japan Co., Ltd., ²Furukawa Electric Institute of Technology Ltd.

We1B-5

Invited

09:30-10:00

Multimode Fiber Amplifiers with High Quality Focused Output based on Wavefront Shaping the Input Seed

Linh V. Nguyen¹, Michael R. Oermann², David G. Lancaster¹, Dmitrii Y. Stepanov², Shahraam Afshar V.¹, Heike Ebendorff-Heidepriem¹, David J. Ottaway¹, Stephen C. Warren-Smith¹

¹Adelaide University, ²Defence Science and Technology Group