

Room B (Grand Ballroom 2), 2F

Chair: Young Ho Kim (KOPTI)

Th2B

July 2 (Thu), 2026

Advanced and Paratical Fiber Sensing

10:15-11:15

Th2B-1

10:15-10:30

Practical Optical Time Domain Reflectometry for Hollow-core Fibers

Keita Takahata, Takeshi Takagi, Kazunori Mukasa
Lightera Japan Co., Ltd.

Th2B-2

Invited

10:30-11:00

Radiation Effects and Hardening Strategies in Fiber Optic Sensors

Wookjin Jeong¹, Jong-Yeol Kim¹, Gukbeen Ryu¹, Young-Gwan Hwang¹, Daeseung Moon², Young-Woong Kim¹

¹Korea Atomic Energy Research Institute, ²Taihan Fiberoptics Co., Ltd.

Th2B-3

11:00-11:15

Ultra-sensitive Fiber Tip Refractive Index Sensor Based on Bound States in the Continuum

Yujian Li¹, Pin Xu¹, Zhi Cheng¹, Ping Lu², Changyuan Yu¹

¹Hong Kong Polytechnic University, ²Huazhong University of Science and Technology