

Room B (Grand Ballroom 2), 2F

Chair: Nguyen Linh Viet
(University of South Australia)

Tu4B

Fiber Amplifiers

June 30 (Tue), 2026

15:00-16:30

Tu4B-1 Invited 15:00-15:30

Advanced Cladding-Pumped Multi-Core Fiber Amplifier for Power-Efficient Transmission.

Taiji Sakamoto
NTT, inc.

Tu4B-2 15:30-15:45

Coupled 4-Core Erbium-Doped Fiber Amplifier with A Power Conversion Efficiency of 39 %

Masato Tanaka, Takafumi Ohtsuka, Koichi Shirahata, Hirotaka Sakuma, Takemi Hasegawa, Soichi Endo, Shintaro Mouri, Hidehisa Tazawa
Sumitomo Electric Industries, Ltd.

Tu4B-3 15:45-16:00

High-Gain Lumped Raman Amplifier for 1614.2-1657.0 nm with Negligible Double Rayleigh Scattering Penalty

Shun Okada¹, Kyosuke Sone¹, Hidenobu Muranaka¹, Hiroki Ooi¹, Yu Tanaka¹, Shunya Hayashi², Junji Yoshida², Ryuichi Sugizaki², Shigehiro Takasaka², Michihiro Nakanishi², Masashi Abe³, Shimpei Shimizu³, Takushi Kazama³, Takeshi Umeki³, Takayuki Kobayashi³, Yutaka Miyamoto³, Takeshi Hoshida¹
¹Finity Inc., ²Furukawa Electric Co., Ltd., ³NTT, inc.

Tu4B-4 Invited 16:00-16:30

Innovative Approach in Optical Fiber Fabrication Technologies for Enhanced Fiber Lasers

Jaesun Kim
Taihan Fiberoptics Co., Ltd.