

Session Title:	[Mo3H] Ultrafast Lasers
Session Date:	August 5 (Mon.), 2024
Session Time:	15:15-16:45
Session Room:	Room H (117)
Session Chair(s)	Prof. Norihiko Nishizawa (Nagoya Univ., Japan)

[Mo3H-1] [Invited] 15:15-15:45

Advances in Ultrashort Pulse Generation from Fiber Kerr Resonators

William H. Renninger (Univ. of Rochester, USA)

[Mo3H-2] 15:45-16:00

All-fiber 1-MHz Mode-locked Laser at 1.7 μm for Three Photon Microscopy

Meng Zhou, Xiaoxiao Wen (The Univ. of Hong Kong, Hong Kong S.A.R), Hongsen He (Xiamen Univ., China), and Kenneth Kin-Yip Wong (The Univ. of Hong Kong, Hong Kong S.A.R)

[Mo3H-3] 16:00-16:15

Self-starting NPE Mode Locked Linear Cavity Single Mode Yb: fiber Laser Delivering 736 MHz Repetition Rate Femtosecond Pulses

Jinpeng Cao (Beihang Univ., China), Bowei Yang, Zhendong Chen, Ruao Yang, Zhigang Zhang (Peking Univ., China), and Meng Zhang (Beihang Univ., China)

[Mo3H-4] 16:15-16:30

High-power, >1 GHz Repetition-rate Femtosecond Laser and Its Frequency Conversion

In Chul Park, Eun Kyong Park (Hanyang Univ., Korea), Hoon Jeong (Korea Inst. of Industrial Tech., Korea), and Ji Won Kim (Hanyang Univ., Korea)

[Mo3H-5] 16:30-16:45

Continuous-wave and Pulsed Laser Operations in Femtosecond-laser-inscribed Yb:CaF₂ Channel Waveguide

Deok Woo Kim, Seung Jai Won, Seong-Eun Lim, Young-Jin Kim, and Fabian Rotermund (KAIST, Korea)