

Session Title:	[Th1H] Comb Lasers
Session Date:	August 8 (Thu.), 2024
Session Time:	11:00-12:30
Session Room:	Room H (117)
Session Chair(s)	Prof. Chao-Kuei Lee (Nat'l Sun Yat-sen Univ., Taiwan)

[Th1H-1] [Invited] 11:00-11:30

Advances in Fiber-based Dual-comb Laser and Its Applications

Kaoru Minoshima (The Univ. of Electro-Communications, Japan)

[Th1H-2] 11:30-11:45

Real-time Self-healing Dynamics of a Brillouin-Kerr Comb in a FP Microresonator-filtered Laser

Junting Du, Wenxuan Lian, Zhangru Shi (Univ. of Electronic Science and Tech. of China, China), Kunpeng Jia, Zhenda Xie (Nanjing Univ., China), Mingming Nie (Univ. of Colorado Boulder, USA), and Bowen Li (Univ. of Electronic Science and Tech. of China, China, China)

[Th1H-3] 11:45-12:00

Optical Frequency Comb for Universal Clock-laser Comparisons Enabled by Ultrabroadband Spectral Purity Transfer

Pu Zou, Michele Giunta, Marc Fischer, and Ronald Holzwarth (Menlo Systems, Germany)

[Th1H-4] 12:00-12:15

Generation of Short Optical Pulses at a 25-GHz Repetition Rate in Telecommunications Wavelengths by Using an Optical Frequency Comb with Silicon Modulators

Ryouyu Hirose (Nihon Univ., Japan), Yugo Kikkawa (Tokyo Denki Univ., Japan), Guangwei Cong, Rai Kou (AIST, Japan), Xuejun Xu, Kenichi Hitachi (NTT Basic Research Laboratories, Japan), Yamato Kitamura, Haruki Yaguchi (Nihon Univ., Japan), Noritsugu Yamamoto (AIST, Japan), Tadashi Nishikawa (Tokyo Denki Univ., Japan), Koji Yamada (AIST, Japan), Haruki Sanada, Katsuya Oguri (NTT Basic Research Laboratories, Japan), and Atsushi Ishizawa (Nihon Univ., Japan)

[Th1H-5] 12:15-12:30

Yb-doped fiber laser frequency comb on silica in 1 GHz line spacing

Ruoao Yang, Ya Wang, Zhendong Chen, Duo Pan, Jingbiao Chen, Aimin Wang, and Zhigang



Zhang (Peking Univ., China)