

Session Title:	[We2B] Microresonators and Microcombs II
Session Date:	August 7 (Wed.), 2024
Session Time:	10:45-12:15
Session Room:	Room B (104-106)
Session Chair(s)	Prof. Takasumi Tanabe (Keio Univ., Japan)

[We2B-1] [Invited] 10:45-11:15

Nonlinear Dynamics in High-Q Optical Microresonators

Qi-Tao Cao (Peking Univ., China)

[We2B-2] 11:15-11:30

A Tunable Narrow-Linewidth Raman Laser Based on an Ultrahigh-Q Packaged Microrod Resonator

Chengnian Liu, Bing Duan, Yong-Pan Gao (Beijing Univ. of Posts and Telecommunications, China), Xiao-Chong Yu (Beijing Normal Univ., China), Xuan Zhang, and Daquan Yang (Beijing Univ. of Posts and Telecommunications, China)

[We2B-3] 11:30-11:45

Single-cavity Dual-comb Enabled Pump-probe Microscopy of Semiconductor Quantum Wells

Weiqi Jiang, Nan Zhang, Dongyuan Li, Anran Wang, Rong Zhang, and Fengqiu Wang (Nanjing Univ., China)

[We2B-4] 11:45-12:00

Toward Compact and Stand-Alone Microcomb Generation Enabled by DFB Lasers

Zhiming Shi, Siyang Li, Suwan Sun, Haiyun Yuan, Jiaming Bai, Xukun Lin, Xingxing Ding (Key Lab. of Special Fiber Optics and Optical Access Networks, Shanghai Univ., China), Xiaofeng Wan (SJTU-Pinghu Inst. of Intelligent Optoelectronics, China), and Hairun Guo (Key Lab. of Special Fiber Optics and Optical Access Networks, Shanghai Univ., China)

[We2B-5] 12:00-12:15

Generation of Optical Frequency Comb with Injection Locked DFB Laser on Silicon Nitride Chip

Siyang Li, Jiamin Bai, Zhiming Shi, Suwan Sun, and Hairun Guo (Shanghai Univ., China)