

Session Title:	[Mo4H] Solid-State Lasers II
Session Date:	August 5 (Mon.), 2024
Session Time:	17:00-18:30
Session Room:	Room H (117)
Session Chair(s)	Prof. Ji Won Kim (Hanyang Univ., Korea)

[Mo4H-1] 17:00-17:15

Watt-Level Diode-Pumped Tm:LuVO₄ Laser at 2.29 μm

Xiaoxu Yu (Shandong Univ., China), Kirill Eremeev (Univ. of Caen Normandy, France), Zhongben Pan (Shandong Univ., China), Pavel Loiko (Univ. of Caen Normandy, France), Hongwei Chu, Han Pan (Shandong Univ., China), Alain Braud, Patrice Camy (Univ. of Caen Normandy, France), and Dechun Li (Shandong Univ., China)

[Mo4H-2] 17:15-17:30

10-watt Level Continuous Wave Nd:YVO₄-KGW Intracavity Raman laser

Jingni Geng, Quan Sheng, Tianchang Liu (Tianjin Univ., China), Pengbo Jiang (Qilu Univ. of Tech., China), Shijie Fu, Wei Shi, and Jianquan Yao (Tianjin Univ., China)

[Mo4H-3] 17:30-17:45

High-Dimensional Non-Separable States from a Solid-State Laser

Zhichao Zhang, Lan Hai, Chunqing Gao, and Shiyao Fu (Beijing Inst. of Tech., Japan)

[Mo4H-4] 17:45-18:00

Measuring Radial Coherence

Radhika Prasad, Nilakshi Senapati, Abhinandan Bhattacharjee (Indian Inst. of Tech. Kanpur, India), Bruno Piccirillo (Università degli Studi di Napoli Federico II, Italy), Miguel A. Alonso (Aix Marseille Univ., France), and Anand K. Jha (Indian Inst. of Tech. Kanpur, India)

[Mo4H-5] [Invited] 18:00-18:30

Ultrastable and Ultrafast Mid-IR Laser Sources Based on a Cr:ZnS/ZnSe Laser Technology

Maciej Kowalczyk, Karolina Suliga (Wroclaw Univ. of Science and Tech., Poland), Nathalie Lenke (Ludwig-Maximilians-Universität München, Germany), Philipp Steinleitner, Nicholas Karpowicz (Max-Planck-Inst. for Quantum Optics, Germany), Vladimir Pervak (Ludwig-Maximilians-Universität München, Germany), Aleksander Głuszek, Arkadiusz Hudzikowski (Wroclaw Univ. of Science and Tech., Poland), Ka Fai Makr (Max-Planck-Inst. for Quantum



Optics, Germany), Jarosław Sotor (Wrocław Univ. of Science and Tech., Poland), Ferenc Krausz, and Alexander Weigel (Max-Planck-Inst. for Quantum Optics, Germany)