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| <b>Session Title:</b>   | [Tu2G] Pulse Compression and Beam Shaping       |
| <b>Session Date:</b>    | August 6 (Tue.), 2024                           |
| <b>Session Time:</b>    | 16:00-17:30                                     |
| <b>Session Room:</b>    | Room G (116)                                    |
| <b>Session Chair(s)</b> | Dr. Martin Smrř (HiLASE Centre, Czech Republic) |

[Tu2G-1] [Invited] 16:00-16:30

Post-compression of a High-energy Large-aperture Femtosecond Laser

Seong Ku Lee (GIST, Korea), Ji In Kim (Hanwha Systems, Korea), Jin Woo Yoon, Jung Mun Yang, Jae Hee Sung, and Chang Hee Nam (GIST, Korea)

[Tu2G-2] 16:30-16:45

12mJ Pulse Compression at 300W Average Power

Maksym Ivanov, Marco Scaglia, Étienne Doiron, Pedram Abdolghader, Gabriel Tempea (few-cycle Inc., Canada), François Légaré (INRS, Canada), Carlos Trallero-Herrero (Univ. of Connecticut, USA), and Bruno E Schmidt (few-cycle Inc., Canada)

[Tu2G-3] 16:45-17:00

1.08 TW Few-cycle 1.45  $\mu\text{m}$  Vortex Laser Based on OPCPA and Multiple Thin-plates Post-compression

Renyu Feng, Junyu Qian, Yujie Peng, Yanyan Li, Wenkai Li, Yuxin Leng, and Ruxin Li (Shanghai Inst. of Optics and Fine Mechanics, Chinese Academy of Sciences, China)

[Tu2G-4] 17:00-17:15

Generation of Cylindrical Vector Vortex Beam from Nd:YVO<sub>4</sub> Laser in Continuous-wave and Q-switched Operation

Ye Jin Oh (Advanced Photonics Research Inst., GIST, Korea), In Chul Park, Eun Kyoung Park, and Ji Won Kim (Hanyang Univ., Korea)

[Tu2G-5] 17:15-17:30

High-power Self-phase-locked Doubly Resonant Optical Parametric Oscillator for 2- $\mu\text{m}$  Frequency Comb Generation

Han Rao, Christian Markus Dietrich (Leibniz Univ. Hannover, Germany), José Ricardo Cardoso de Andrade (Max Born Inst., Germany), Robin Mevert, Fridolin Jakob Geesmann, Ayhan Demircan, Ihar Babushkin, and Uwe Morgner (Leibniz Univ. Hannover, Germany)