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| Session Title: | [Th1G] Imaging Techniques for Scattering Media |
| Session Date: | August 8 (Thu.), 2024 |
| Session Time: | 11:00-12:30 |
| Session Room: | Room G (116) |
| Session Chair(s) | Prof. Seung Ah Lee (Yonsei Univ., Korea) |

[Th1G-1] [Invited] 11:00-11:30

Wavefront Shaping at 10 MHz Refresh Rate by Exploiting the Scan Speed of a Resonant Scanner

Atsushi Shibukawa (Hokkaido Univ., Japan), Yuki Sudo (Okayama Univ., Japan), Hideharu Mikami (Hokkaido Univ., Japan), and Mooseok Jang (KAIST, Korea)

[Th1G-2] 11:30-11:45

Deep-Tissue Optical Focusing with Phase Conjugation based on Nonlinear Acousto-Optic Modulation

Jaeyeon Oh, Hakseok Ko, Gookho Song, Seungmin Lee, and Mooseok Jang (KAIST, Korea)

[Th1G-3] 11:45-12:00

High-Resolution Ghost Imaging in Dynamic Scattering Environments with Gaussian Correction

Yang Peng and Wen Chen (The Hong Kong Polytechnic Univ., Hong Kong S.A.R)

[Th1G-4] 12:00-12:15

Time-resolved Digital Optical Phase Conjugation for Spatiotemporal Focusing of Ultrafast Laser Pulse Through Turbid Media

Seungmin Lee and Mooseok Jang (KAIST, Korea)

[Th1G-5] 12:15-12:30

Efficient Single-Pixel Imaging and Transmission in Scattering Media with Compressive Sensing

Yining Hao and Wen Chen (The Hong Kong Polytechnic Univ., Hong Kong S.A.R)