

Session Title:	[Mo1L] Biophotonic Imaging I
Session Date:	August 5 (Mon.), 2024
Session Time:	10:30-12:00
Session Room:	Room L (206-207)
Session Chairs	TBA

[Mo1L-1] [Invited] 10:30-11:00

High Performance Photoacoustic Microscopy based on Miniature Ultrasound Transducer

Chengbo Liu (Shenzhen Inst. of Advanced Tech., Chinese Academy of Sciences, China)

[Mo1L-2] 11:00-11:15

Polarization Assessment of Ballistically Reflected and Multiply Scattered Photons in Retinal OCT

Xincheng Yao, Shaiban Ahmed, and Taeyoon Son (Univ. of Illinois Chicago, USA)

[Mo1L-3] 11:15-11:30

High Resolution Imaging of Stress-Induced Murine Atherosclerosis Using Electrocardiogram Triggered Electrically Tunable Lens Motion Synchronization Intravital Microscopy

Minseok Jang (KAIST, Korea), Joon Woo Song, Jin Won Kim (Cardiovascular Center, Korea Univ.'s Guro Hospital, Korea), and Hongki Yoo (KAIST, Korea)

[Mo1L-4] 11:30-11:45

Time-lapse 3D Observation of Surgical Sutures by SD-OCT

Fengcheng Wei, Hinata Nakakubo, Ruri Handa, Masato Ohmi (Osaka Univ., Japan)

[Mo1L-5] 11:45-12:00

Master/slave Polarization-sensitive Optical Coherence Tomography for Birefringence Measurement of Oocytes

Samuel Choi (Niigata Univ., Japan), Manuel J. Marques (Univ. of Kent, UK), Rasmus Eilkær Hansen (Tech. Univ. of Denmark, Denmark), Philipp Tatar-Mathes (Tampere Univ., Finland), Julien Camard, Giuseppe Silvestri, Carla Canedo-Ribeiro (Univ. of Kent, UK),