
Session Title:	[Tu1L] Computational Optical Microscopy I
Session Date:	August 6 (Tue.), 2024
Session Time:	11:00-12:15
Session Room:	Room L (206-207)
Session Chair(s)	Prof. Chulmin Joo (Yonsei Univ., Korea)

[Tu1L-1] [Invited] 11:00-11:30

isoSTED Nanoscopy using Adaptive Optics for Thick Tissue Imaging

Dong-Ryoung Lee (Soongsil Univ., Korea)

[Tu1L-2] 11:30-11:45

An Unmixing Approach for Multi-color Spectral Cellular Imaging without Reference Spectra Measurement

Jinhong Yan, Yi He, and Kun Chen (Univ. of Electronic Science and Tech. of China, China)

[Tu1L-3] 11:45-12:00

Virtual Re-staining of Faded H&E-Stained Slides Using NIR Quantitative Phase Imaging

Hyesuk Chae, Jongho Kim, Joonsung Jeon, Kyungwon Lee, Kyung Chul Lee, Ji Ung Choi, Suki Kang, Soyoung Choi, Geunbae Bang, Nam Hoon Cho, and Seung Ah Lee (Yonsei Univ., Korea)

[Tu1L-4] 12:00-12:15

Efficient Physics-constrained Random Matrix Modelling of Polarized Light Scattering in Disordered Media

Niall Byrnes and Matthew R. Foreman (Nanyang Technological Univ., Singapore)