

Session Title:	[We3G] Advanced Imaging
Session Date:	August 7 (Wed.), 2024
Session Time:	15:45-17:15
Session Room:	Room G (116)
Session Chair(s)	Prof. Jiamin Wu (Tsinghua Univ., China)

[We3G-1] [Invited] 15:45-16:15

High-speed 3D Imaging and Metrology: From Classical Fringe Projection to Deep Learning Approaches

Wenwu Chen, Jiaming Qian, Shijie Feng, and Chao Zuo (Nanjing Univ. of Science and Tech., China)

[We3G-2] 16:15-16:30

Coherent Diffractive Imaging with Yb:KGW fs Laser-driven High Order Harmonic Generation Sources

Jin Niu, Kui Li, Ruixuan Li, Guangyin Zhang, Jiyue Tang, Yongjun Ma, Changjun Ke, Hao Xu, Yutong Wang, Xiaoshi Zhang, and Jie Li (Aerospace Information Research Inst., Chinese Academy of Sciences, China)

[We3G-3] 16:30-16:45

3D Lensless Camera for Extended Depth Range with Multiple Point Spread Functions

Taeyoung Kim, Yujin Lee, Jaewoo Jung, Kyung Chul Lee, and Seung Ah Lee (Yonsei Univ., Korea)

[We3G-4] 16:45-17:00

High-speed Miniaturized Microscope Integrated with Biologically-inspired Ultrafast Microlens Array Camera

Hyun-Kyung Kim, Young-Gil Cha, Jae-Myeong Kwon, and Ki-Hun Jeong (KAIST, Korea)

[We3G-5] 17:00-17:15

Research Progress in Narrow-band Imaging of Capsule Endoscopes Based on Hyperspectral Image Conversion Technology

Song-Cun Lu, Arvind Mukundan, Riya Karmakar, Yu-Ming Tsao, Hong-Thai Nguyen, and Hsiang-Cheng Wang (Nat'l Chung Cheng Univ., Taiwan)