

Session Title:	[We1G] THz Applications
Session Date:	August 7 (Wed.), 2024
Session Time:	09:00-10:30
Session Room:	Room G (116)
Session Chair(s)	Prof. Katsuhiko MIYAMOTO (Chiba Univ., Japan)

[We1G-1] [Invited] 09:00-09:30

Scanning Point Terahertz Source Microscope for Biosensing

Kazunori Serita and Masayoshi Tonouchi (Osaka Univ., Japan)

[We1G-2] 09:30-09:45

Voltage-controlled Terahertz Chemical Microscope for High-sensitive Measurement of Biological Materials

Xue Ding, Mana Murakami, Jin Wang, Hirofumi Inoue, and Toshihiko Kiwa (Okayama Univ., Korea)

[We1G-3] 09:45-10:00

Terahertz Circular Dichroism Imaging System

Takumi Yoichi, Uina Chiba, Takashige Omatsu (Chiba Univ., Japan), Takeo Minari (Nat'l Inst. for Materials Science, Japan), Seigo Ohno (Tohoku Univ., Japan), and Katsuhiko Miyamoto (Chiba Univ., Japan)

[We1G-4] 10:00-10:15

THz Scattering-type Scanning Near-field Microscopy with High Peak Power THz Source

Zeliang Zhang, Pengfei Qi, Lu Sun, Cheng Gong, and Weiwei Liu (Nankai Univ., China)

[We1G-5] 10:15-10:30

Evaluation of Birefringent Material with a Terahertz Nonlinear Quantum Cascade Laser

Atsushi Nakanishi, Shohei Hayashi, and Kazuue Fujita (Hamamatsu Photonics K. K., Japan)