

Session Title:	[We3J] Plasmonics I
Session Date:	August 7 (Wed.), 2024
Session Time:	15:45-17:15
Session Room:	Room J (201-202)
Session Chairs	TBA

[We3J-1] [Invited] 15:45-16:15

Optimal Near-Field Antennas

Owen D. Miller (Yale Univ., USA)

[We3J-2] 16:15-16:30

Polarization-Selective Mode-Coupling in Hyperbolic Nanoparticles

Tomasz J. Antosiewicz, Krzysztof M. Czajkowski, Maria Bancerek, Arumona E. Arumona, and Olga A. Kochanowska (Univ. of Warsaw, Poland)

[We3J-3] 16:30-16:45

Enhancement of Plasmon Resonance Energy Transfer (PRET) for Molecular Sensing

Jaewon Lee, Hayun Ahn, and Seungwoo Lee (Korea Univ., Korea)

[We3J-4] 16:45-17:00

Embedded Plasmonics Modified-Modified Lithium Niobate Thin Films for Photodetection

Xiaoli Sun (Shandong Univ., China), Yan Sheng (The Australian Nat'l Univ., Australia), Feng Ren (Wuhan Univ., China), Yuechen Jia, and Feng Chen (Shandong Univ., China)

[We3J-5] 17:00-17:15

Plasmonic Nearfields Photodetectors in 2D Materials and Heterostructures with Waveguides and Tamm Structures

Chia-Hung Wu, Min-Wen Yu, Cheng-Han Huang (Nat'l Yang Ming Chiao Tung Univ., Taiwan), and Kuo-Ping Chen (Nat'l Tsing Hua Univ., Taiwan)