



제 31회 한국반도체학술대회

The 31st Korean Conference on Semiconductors

2024년 1월 24일(수)-26일(금) | 경주화백컨벤션센터(HICO)

2024년 1월 25일(목), 10:55-12:40

Room C(103), 1층

J. Nano-Science & Technology 분과

[TC2-J] 1D/2D Optoelectronics

좌장: 강기훈 교수(서울대학교), 박혜성 교수(고려대학교)

초청발표 TC2-J-1 10:55-11:25	Ultrathin Waveguides Realized with 2D Materials Myungjae Lee Seoul National University
TC2-J-2 11:25-11:40	Design and Fabrication of an In-situ Core/Shell Perovskite/MoS ₂ Heterostructure for High-performance Photodetection Sunggyu Ryoo ¹ , Jinwoo Sim ¹ , Joo Sung Kim ² , Juntae Jang ¹ , Tae-woo Lee ² , and Takhee Lee ¹ ¹ Department of Physics and Astronomy, Seoul National University, ² Department of Materials Science and Engineering, Seoul National University
TC2-J-3 11:40-11:55	Electronic Trap Measurement in QD Optoelectronics Gyu Weon Hwang, Tae Hwan Park, Jun Young Jin, and Kyung Won Seo KIST
초청발표 TC2-J-4 11:55-12:25	Efficient light Manipulation Using WS ₂ Multilayers Su-Hyun Gong Department of Physics, Korea University
TC2-J-5 12:25-12:40	An Analysis of Near-infrared Absorption in Silicon Nanowires with Wavy-sidewalls Minkeun Choi, Chang-Ki Baek, and Ju Hong Park Department of Convergence IT Engineering, POSTECH