J. Nano-Science & Technology 분과

2019년 2월 14일(목), 09:00-10:45
Room D (스타홀, 2층)

[TD1-J] Neuromorphic System

좌장: 김선주 교수(중앙대학교), 손정인 교수(동국대학교)

TD1-J-1 09:00-09:30	[초청] **Organic-Based Artificial Synapse for Learning- And Energy-Efficient Neuromorphic System** Gunuk Wang *KU-KIST Graduate School of Converging Science and Technology, Korea University*
TD1-J-2 09:30-10:00	[초청] **Organic Artificial Synapses for Sensorimotor Nervous Systems of Bio-inspired Electronics** Tae Woo Lee *Department of Materials Science and Engineering, Seoul National University*
TD1-J-3 10:00-10:15	**Low-Power Photonic Organolead Halide Perovskite Artificial Synapse Inspired by Dopamine-Facilitated Synaptic Activity** Seonggil Ham, Sanghyeon Choi, Haein Cho, and Gunuk Wang *KU-KIST Graduate School of Converging Science and Technology, Korea University*
TD1-J-4 10:15-10:30	**Modulation of Synaptic Plasticity of Carbon Nitride-Based Phototransistors under Light Stimulation** Hea-Lim Park[1], Yeongjun Lee[1], Sungjin Park[2], and Tae-Woo Lee[1] *[1]Department of Materials Science and Engineering, Seoul National University,* *[2]Department of Chemistry and Chemical Engineering, Inha University*
TD1-J-5 10:30-10:45	**Polymer Structure-Dependent-Synaptic Plasticity of Organic Artificial Synapse** Gyeong Tak Go[1], Yeongjun Lee[1], Mingyuan Pei[2], Hoichang Yang[2], and Tae Woo Lee[1] *[1]Department of Material Science and Engineering, Seoul National University,* *[2]Department of Chemical Engineering, Inha University*