

2020년 2월 13일(목), 10:45~12:30

Room H (하트 I, 6층)

J. Nano-Science & Technology 분과

[TH2-J] 뉴로모픽 소자 - I

TH2-J-1 10:45~11:15	<p>[초청] Manipulating Grain Boundaries of Metal Halide Perovskite Nanograins Tae-hee Han <i>Division of Materials Science and Engineering, Hanyang University</i></p>
TH2-J-2 11:15~11:45	<p>[초청] Sensors, Memories and Displays with Nanostructured Ferroelectric Polymers Cheolmin Park <i>Department of Materials Science & Engineering, Yonsei University</i></p>
TH2-J-3 11:45~12:00	<p>One-dimensional (1D) Artificial Multi-synapses based on Ferroelectric Organic Transistor for Wearable Neuromorphic Textile Applications Seonggil Ham¹, Minji Kang², Seonghoon Jang¹, Jingon Jang¹, Sanghyeon choi¹, Tse-Wook Kim³, and Gunuk Wang¹ ¹<i>KU-KIST Graduate School of Converging Science and Technology, Korea University,</i> ²<i>Functional Composite Materials Research Center and Institute of Advanced Composite Materials, KIST,</i> ³<i>Department of Flexible and Printable Electronics, Chonbuk National University</i></p>
TH2-J-4 12:00~12:15	<p>Implementing Novel Ionic Barrier Layer in Nanoionic Synaptic Transistor for Next Generation Neurocomputing Krishn Gopal Rajput, Revannath Dnyandeo Nikam, Jongwon Lee, and Hyunsang Hwang <i>Center for Single Atom-based Semiconductor Device and Department of Material Science and Engineering, POSTECH</i></p>
TH2-J-5 12:15~12:30	<p>Sodium Ion Based Three-terminal Synapse Device with Near Ideal Synaptic Behavior and Improved Retention for Neuromorphic Systems Kyumin Lee, Jongwon Lee, Revannath Dnyandeo Nikam, Seongjae Heo, and Hyunsang Hwang <i>Center for Single Atom-based Semiconductor Device, and also Department of Materials Science and Engineering, POSTECH</i></p>