



J. Nano-Science & Technology 분과

2021년 1월 27일(수), 10:45-12:00 / 채널 B

[WB2-J] Neuromorphic System

좌장: 박성준 교수 (아주대학교), 왕건욱 교수 (고려대학교)

<p>WB2-J-1 10:45-11:15</p>	<p>[초청] Electrical Synapse and Neuron Devices and Their Neuromorphic Computing Applications Kyung Min Kim <i>Department of Materials Science and Engineering, KAIST</i></p>
<p>WB2-J-2 11:15-11:30</p>	<p>Hardware Implementation of Titanium Oxide Memristor Array for Neuromorphic Computing Jingon Jang, Sanghyeon Choi, and Gunuk Wang <i>KU-KIST Graduate School of Converging Science and Technology, Korea University</i></p>
<p>WB2-J-3 11:30-11:45</p>	<p>SiO_x Nanorod Memristor for Stochastic Artificial Neuron and its Application Sanghyeon Choi¹, Gwang Su Kim^{1,2}, Haein Cho¹, Jehyeon Yang¹, Chong-Yun Kang^{1,2}, and Gunuk Wang¹ <i>¹KU-KIST Graduate School of Converging Science and Technology, Korea University, ²Center for Electronic Materials, KIST</i></p>
<p>WB2-J-4 11:45-12:00</p>	<p>Side Chain Engineering for Modulation of Synaptic Decay of Diketopyrrolopyrrol Semiconducting Copolymer-based Ion-gel-gated Organic Synaptic Transistors Hea-Lim Park¹, Naryung Kim¹, Yun-Hi Kim^{2,3}, Hoichang Yang⁴, and Tae-Woo Lee¹ <i>¹Department of Materials Science and Engineering, Seoul National University, ²Department of Chemistry, Gyeongsang National University, ³Research Institute of Nature Science (RINS), Gyeongsang National University, ⁴Department of Chemical Engineering, Inha University</i></p>

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