



## I. MEMS & Sensor Systems 분과

2021년 1월 28일(목), 14:45-16:00 / 채널 C

### [TC4-I] MEMS and Sensor Systems for Biomedical Applications

좌장: 김정현 교수 (광운대학교), 김혁 교수 (서울시립대학교)

<p>TC4-I-1 14:45-15:15</p>	<p><b>[초청]</b> <b>One-dimensional Soft Electronic Sensing Systems for Wearable and Implantable Applications</b> Jaehong Lee <i>Soft Biomedical Devices Lab, Department of Robotics Engineering, DGIST</i></p>
<p>TC4-I-2 15:15-15:30</p>	<p><b>Fabrication of Nanoparticle-Deposited Flexible Electrode and Its Application on Biopotential Sensing</b> Jinpyeo Jeung, Inyeol Yun, and Yoonyoung Chung <i>Department of Electrical Engineering, POSTECH</i></p>
<p>TC4-I-3 15:30-15:45</p>	<p><b>Silicon Nanosheet ISFET Sensor based on Poly-LaF<sub>3</sub> Sensing Membrane for Highly Sensitive Fluoride Ion Detection</b> Hyeon-Tak Kwak<sup>1</sup>, Hyeonsu Cho<sup>2</sup>, and Chang-Ki Baek<sup>2</sup> <sup>1</sup><i>Department of Electrical Engineering, POSTECH,</i> <sup>2</sup><i>Department of Creative IT Engineering, POSTECH</i></p>
<p>TC4-I-4 15:45-16:00</p>	<p><b>The IGZO-based Correlated Color Temperature Sensor for Measuring the Melatonin Suppression and the Circadian Disturbance</b> Hyunkyu Lee, Jingyu Park, Sung-Jin Choi, Jong-Ho Bae, Dong Myong Kim, and Dae Hwan Kim <i>School of Electrical Engineering, Kookmin University</i></p>