



Future Normal in Semiconductor

2025년 2월 13일(목), 15:50-17:20

Room I(스페이스 I), 6층

I. MEMS & Sensor Systems 분과

O35_[TI3-I] MEMS & Sensor Systems (III)

좌장: 윤홍준 교수(가천대학교), 원상민 교수(성균관대학교)

| | |
|---------------------------------------|---|
| <p>TI3-I-1 15:50-16:05</p> | <p>이종접합 소재 기반 온디바이스 엣지 트랜지스터 및 보안 소자 Hocheon Yoo^{1,2} ¹Department of Electronic Engineering, Gachon University, ²Department of Semiconductor Engineering, Gachon University</p> |
| <p>TI3-I-2 16:05-16:20</p> | <p>Performance Analysis of PN Junction Diode with ZnO/SWCNT Sensing Layer Eunji Seo¹, Hyeongyu Kim¹, Chan Heo¹, Jeongmin Son¹, Hyokyung Kim², and Kihyun Kim¹ ¹Department of Electronics and information Engineering, Jeonbuk National University, ²Division of Electronics Engineering, Jeonbuk National University</p> |
| <p>TI3-I-3 16:20-16:35</p> | <p>Reference Electrode Free Junctionless Field-Effect Transistor for Biosensing Jeongmin Son, Chan Heo, Eunji Seo, Inhwa Kim, and Kihyun Kim Department of Electronics and information Engineering, Jeonbuk National University</p> |
| <p>TI3-I-4 16:35-16:50</p> | <p>실시간 교량 모니터링용 자가 전원 무선 센서 Towoo Lim¹, Juyong Lee¹, Hakwoo Lee², Dogyun Kim², and Youngmin Kim² ¹Tinywave Co., Ltd., ²Hongik University</p> |
| <p>초청 TI3-I-5 16:50-17:20</p> | <p>AI-Assisted Self-Powered Motion Monitoring System Based on Hybridized Triboelectric and Piezoelectric Nanogenerators Using Nanofiller-Embedding Polymer Layers Daewon Kim Kyung Hee University</p> |