



제 31회 한국반도체학술대회

The 31st Korean Conference on Semiconductors

2024년 1월 24일(수)-26일(금) | 경주화백컨벤션센터(HICO)

2024년 1월 25일(목), 09:00-10:45

Room A(101), 1층

L. Analog Design 분과

[TA1-L] Analog Circuits

좌장: 엄지용 교수(금오공과대학교), 정영호 교수(대구대학교)

초청발표 TA1-L-1 09:00-09:30	2전극 측정을 위한 저 잡음 넓은 동적영역의 바이오 임피던스 판독회로 손현우 경상국립대학교
TA1-L-2 09:30-09:45	A Fully Differential LiDAR Receiver with On-chip APDs in 180-nm CMOS Yejin Choi ^{1,2} , Yunji Song ^{1,2} , Juntong Li ^{1,2} , Yeojin Chon ^{1,2} , Shinhae Choi ^{1,2} , Xinyue Zhang ^{1,2} , and Sung Min Park ^{1,2} ¹ Department of Electronic and Electrical Engineering, Ewha Womans University, ² Graudate Program in Smart Factory, Ewha Womans University
TA1-L-3 09:45-10:00	An 8x8 Optoelectronic Receiver Array in 180-nm CMOS for Elder-Care Short Range LiDAR Sensors Shinhae Choi ^{1,2} , Yeojin Chon ^{1,2} , Yunji Song ^{1,2} , Yejin Choi ^{1,2} , and Sung Min Park ^{1,2} ¹ Department of Electronic and Electrical Engineering, Ewha Womans University, ² Graudate Program in Smart Factory, Ewha Womans University
TA1-L-4 10:00-10:15	A Fully-Differential Optoelectronic Receiver in 180-nm CMOS Yunji Song ^{1,2} , Yejin Choi ^{1,2} , Juntong Li ^{1,2} , Shinhae Choi ^{1,2} , Yeojin Chon ^{1,2} , Xinyue Zhang ^{1,2} , and Sung Min Park ^{1,2} ¹ Department of Electronic and Electrical Engineering, Ewha Womans University, ² Graudate Program in Smart Factory, Ewha Womans University
TA1-L-5 10:15-10:30	Single-stage Wireless CC-CV Resonant Battery Charger with Coupling Range Extension Scheme for Implantable Biomedical Applications Byeong Woo Yoo, Joon Gyu Kim, Min Jae Kim, Min Sung Kim, and Sung Yun Park Pusan National University
TA1-L-6 10:30-10:45	A 2nd Order Delta-sigma Modulator for BMS DC Measurement Ji-Ho Park, Jae-Geun Lim, Hyoung-Jung Kim, Jae-Hyuk Lee, Seong-Bo Park, Byeong-Ho Yu, and Gil Cho Ahn Department of Electronic Engineering, Sogang University