2022년 1월 25일(화), 09:00-10:30
Room B (에메랄드 II+III, 5층)

S. Chip Design Contest 분과
[TB1-S] Chip Design Contest

좌장: 이영주 교수(POSTECH), 장영찬 교수(금오공과대학교)

TB1-S-1 **09:00-09:15**	**A 60GHz Vector-Sum Phase Shifter Design in TSMC 65nm CMOS** Dong Ouk Cho, In Cheol Yoo, and Chul Woo Byeon *Department of Electronic Engineering, Wonkwang University*
TB1-S-2 **09:15-09:30**	**A Reliable SoC Design using Replica Circuits for Near-Threshold Voltage Operation** Hyunchul Park and Jongsun Park *Department of Electrical Engineering, Korea University*
TB1-S-3 **09:30-09:45**	**A 9 Gb/s/μm Transceiver with a Hybrid ISI and FEXT Equalization Scheme for Next-Generation HBM Interface** Kung Ryun Yoon, Seung Woo Park, and Chul Woo Kim *Korea University*
TB1-S-4 **09:45-10:00**	**A 97.6%-Efficient 1-2MHz Hysteretic Buck Converter with 7V/μs DVS-Rate Enabled by Isosceles-Triangular Shunt Current Push-Pull Technique** Hong-Hyun Bae, Jeong-Hyun Cho, Gyeong-Gu Kang, Yousung Park, and Hyun-Sik Kim *KAIST*
TB1-S-5 **10:00-10:15**	**오동작 감지 회로를 포함하는 능동 EMI 필터 One-chip IC** Sangyeong Jeong[1,2] and Jingook Kim[1,2] *[1]UNIST, [2]EMcoretech Co.*
TB1-S-6 **10:15-10:30**	**Reset Circuit Design for Multi-pixel THz Imaging System** Sang Hyo Ahn, Min Woo Ryu, Minjae Kim, and Kyung Rok Kim *Department of Electrical Engineering, UNIST*