

## O. System LSI Design 분과

2017년 2월 15일 (수), 10:10-11:40  
Room H (다이아몬드1, 3층)

### [WH2-O] VLSI System Design and Applications 2

좌장: 이영주(광운대학교), 박종선(고려대학교)

<b>WH2-O-1</b> 10:10-10:25	<b>Area Efficient Neuromorphic Circuit based on Stochastic Computation</b> Kiwon Yoon, Suhyeong Choi, and Youngsoo Shin <i>School of Electrical Engineering, KAIST</i>
<b>WH2-O-2</b> 10:25-10:40	<b>Demonstration of Unsupervised Learning with Spike-Timing Dependent Plasticity for Neuromorphic System</b> Chul-Heung Kim, Suhwan Lim, Sung Yun Woo, Byung-Gook Park, and Jong-Ho Lee <i>Department of Electrical and Computer Engineering, Seoul National University, Inter-University Semiconductor Research Center, Seoul National University</i>
<b>WH2-O-3</b> 10:40-10:55	<b>Approximate Computation Sharing Multiplier for Low Power Convolutional Neural Networks Design</b> Cheolhwan Kim, Gyuseong Kang, and Jongsun Park <i>School of Electrical Engineering, Korea University</i>
<b>WH2-O-4</b> 10:55-11:10	<b>인공 신경망을 이용한 차선 곡률 검출에 대한 연구</b> 이보경, 김기주, 이영주 <i>광운대학교 전자공학과</i>
<b>WH2-O-5</b> 11:10-11:25	<b>Moving Object Detector for UAV Collision Avoidance</b> Jaechan Cho and Yunho Jung <i>School of Electronics and Information Engineering, Korea Aerospace University</i>
<b>WH2-O-6</b> 11:25-11:40	<b>Low Power Asynchronous NCL Pipeline Design</b> Jin Kyung Lee and Kyung Ki Kim <i>Department of Electronic Engineering, Daegu University</i>