



Jungwon Choi

Assistant Professor, Department of Electrical and Computer Engineering
University of Minnesota, Twin Cities

Jungwon Choi (GS'13-M'19) is an Assistant Professor in the Electrical and Computer Engineering department at the University of Minnesota, Twin Cities. She received her Ph.D. degree in Electrical Engineering at Stanford University in 2019, M.S. in Electrical Engineering and Computer Science from the University of Michigan, Ann Arbor, in 2013, and B.S. in Electrical Engineering from Korea University in Seoul, Korea, in 2009. Her research interests include high-frequency power converters, wireless power transfer for battery-powered vehicles, industrial and biomedical applications, magnetic designs, controls at high-frequencies, energy storage, and wide bandgap devices. She is an Associate Editor of the IEEE Journal of Emerging and Selected Topics in Industrial Electronics. Also, she is an Organizing Committee and Vice Chair of the IEEE Energy Conversion & Expo (ECCE) 2023, Technical Program Committee, and Organizing Committee of the IEEE Workshop on Control and Modeling for Power Electronics (COMPEL) 2023 and 2024, respectively. She served as a session and topic chair in several IEEE conferences including ECCE and Applied Power Electronics Conference and Exposition (APEC). In 2017, she was selected to the Rising Stars in EECS. In addition, she received Unlock Idea awards from Lam Research in 2019 and 2020, and National Science Foundation (NSF) CAREER award in 2021.