

Jungwon Choi

Assistant Professor Department of Electrical and Computer Engineering Member Faculty, Clean Energy Institute UPWARDS Faculty University of Washington

Jungwon Choi is an Assistant Professor in the Electrical and Computer Engineering department at the University of Washington. 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. From 2019 to 2023, she was an assistant professor in the ECE department at the University of Minnesota, Twin Cities. 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. In 2017, she was selected to the Rising Stars in EECS, received Unlock Idea awards from Lam Research in 2019 and 2020, and the National Science Foundation (NSF) CAREER award in 2021. 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.