

Jin Wang Biography

Jin Wang received a B.S. degree from Xi'an Jiaotong University, in 1998, an M.S. degree from Wuhan University, in 2001, and a Ph.D. from Michigan State University, East Lansing, in 2005, all in electrical engineering.

From September 2005 to August 2007, Dr. Wang worked at the Ford Motor Company as a Core Power Electronics Engineer and contributed to the traction drive design of the Ford Fusion Hybrid. Dr. Wang's research interests include wide bandgap power devices and their applications, high-voltage and high-power converter/inverters, integration of renewable energy sources, and electrification of transportation.

Dr. Wang received multiple teaching and research awards including the IEEE Power Electronics Society Richard M. Bass Young Engineer Award and the National Science Foundation's CAREER Award, both in 2011; Ralph L. Boyer Award for Excellence in Undergraduate Teaching Innovation in 2012, and the Lumley Research Award in 2013, both from the College of Engineering at The Ohio State University.

Dr. Wang has over 100 peer-reviewed journal and conference publications and six patents. He had been an Associate Editor for IEEE Transactions on Industry Applications from 2008 to 2014. He initiated and served as the General Chair for the 1st IEEE Workshop on Wide Bandgap Power Devices and Applications in 2013. Currently, Dr. Wang serves as an Associate Editor for IEEE Transactions on Power Electronics and IEEE Journal of Emerging and Selected Topics in Power Electronics (J-ESTPE), and the Steering Committee Chair for IEEE Future Energy Challenge.