

Biography

Professor Z.Q. Zhu is the Head of the Electrical Machines and Drives Research Group at the University of Sheffield, UK, and the Founding Director of several industrial research centres, including Siemens and Midea. His current major research interests include design and control of permanent magnet machines and drives for applications ranging from electrified transportation (including electric vehicles, more electric aircrafts, and fast trains) through household appliances to renewable energy (wind power generation). He is a Fellow of Royal Academy of Engineering, IEEE, IET, and CSEE, and the Editor-in-Chief of IET EPA. He is the recipient of the 2021 IEEE Nikola Tesla Technical Field Award and the 2019 IEEE Industry Application Society Outstanding Achievement Award, as well as 38 Best Paper Awards. He authored/co-authored >1400 papers including >500 IEEE Trans./IET Proc. papers, and >200 filed/published patents.