

Biography: Alberto Tessorolo received his Laurea and Ph.D. degrees in Electrical Engineering from the University of Trieste, Italy, and Padova, Italy, in 2000 and 2011, respectively. Before joining the University, he worked in the design and development of large innovative motors, generators and drives with NIDEC-ASI (formerly Ansaldo Sistemi Industriali). Since 2006, he has been with the Engineering and Architecture Department of the University of Trieste, Italy, where he teaches the course of Electric Machine Design. He holds the scientific responsibility for several funded research projects in cooperation with leading companies and institutions. Dr. Tessorolo has authored over 150 international technical papers in the area of electrical machine and drive modeling and design. He serves as an Editor for the IEEE Trans. on Energy Conversion and Associate Editor for the IEEE Trans. on Industry Applications and the IEEE Electric Power Applications. He was the recipient of the Electric Machinery Committee 2012 Prize Paper Award of the IEEE Power and Energy Society and of various best paper awards for contributions presented at IEEE-sponsored or co-sponsored conferences. He is Senior Member of the IEEE and a member of the Industry Applications, Power and Energy, Power Electronics, Industrial Electronics, Magnetics and Reliability Societies of the IEEE.