

Biography: Nicola Bianchi received the M.Sc. and Ph.D. degree in Electrical Engineering from the Department of Electrical Engineering, University of Padova, Italy, in 1991 and 1995 respectively. In 1998, he joined the Department of Electrical Engineering of the same university, as Assistant Professor. He was promoted to the Associate Professor and the Full Professor grades in Electrical Machines, Converters and Drives, in 2005 and 2018, respectively. His activity is at the Electric Drive Laboratory, Department of Electrical Engineering of the University of Padova. His teaching activity deals with the Design Methods of Electrical Machines, introducing the finite element analysis of the machines. His research activity is in the field of design and control of electrical machines especially for variable speed applications. He is author and co-author of more than 200 scientific papers on electrical machines and drives, and two international books on the same subject. He is recipient of some best paper awards. In 2014 he became a Fellow Member of IEEE Industry Application Society.