

Biography: Doctor Elisabetta Tedeschi joined the Norwegian University of Science and Technology (NTNU) as faculty member in 2013, and she is currently Professor within offshore grid at the Department of Electric Power Engineering. Since 2020, she is also Professor within Power Converters, Drives and Electrical Machines at the Department of Industrial Engineering of the University of Trento in Italy. Having received a Marie Curie Fellowship, from 2011 to 2013 she was an Experienced Researcher at Tecnalia in Spain. Subsequently she had a part time position as Research Scientist at Sintef Energy Research, in Norway, between 2013 and 2014. In 2015, she was granted funding under the “Young Research Talent” scheme of the Research Council of Norway for an international project on Integrated Design and Control of Offshore HVDC networks. She has led and/or contributed to more than 15 national and international scientific projects and co-authored more than 100 journal and conference papers. She was Technical Programme Co-chair of the 13th Annual Energy Conversion Congress and Exposition (ECCE) 2021 and Programme Chair of the 17th IEEE Workshop on Control and Modeling for Power Electronics, (COMPEL) 2016, Member of the Technical Programme Committee of the IEEE CPE 2021, IEEE SPEC/COBEP 2019, IEEE COMPEL 2018, IEEE Smart 2015 and of the IEEE EVER-Monaco Conferences since 2012. Her research interests include design and control of energy conversion systems, offshore transmission and distribution networks and power quality issues.