

CURRICULUM VITAE of Davide Fabiani

Davide Fabiani received the M.Sc. and Ph.D. in Electrical Engineering with honours in 1997 and 2002, respectively. Since 2014, he is Associate Professor at the Department of Electrical Electronics and Information Engineering of University of Bologna where he teaches the courses of “Innovative Electrical Technologies” and “Insulation Systems Design and Diagnosis”. In April 2017 he got the National Scientific Habilitation to Full Professor.

Formerly, from 2005 to 2014 he was Assistant Professor at University of Bologna.

His fields of research are mainly related to:

- Development and characterization of nanostructured materials for applications in electrical and electronic apparatus.
- Investigation of HV apparatus diagnosis mainly through partial discharge measurements
- Evaluation of the effect of non-sinusoidal waveforms on reliability of components and insulation systems (in particular, induction motors fed by power electronic converters)
- Study of electrical conduction mechanisms and aging processed in high voltage insulation systems.

He was involved in several projects financed by EU, public and private companies. He is author or co-author of about 250 papers, most of them published on the major international journals and conference proceedings. He is Associate Editor of IET High Voltage Journal as well as reviewer for several International Journals. He is IEEE Senior member since 2016. He is member of the TC on *Nanodielectrics* of IEEE DEIS, two CIGRE working groups as well as CEI CT 15 and IEC TC 115. He has been Technical Program Committee Chair of the IEEE CEIDP for 2014 and 2015. He was vice-chairman of the international conference IEEE ICSD 2013. He has been member-at-large of DEIS AdCom and Chair of the Meetings Committee from 2016 to 2019, DEIS VP Technical for 2020 and 2021 and DEIS VP Admin for 2022 and 2023.