



Francesco Guastavino

Full professor

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Education and training

1993

PhD Electrical Engineering

Academic experience

2004 - ONGOING

Associated Professor

University of Genova

Teaching activity

Costruzione e Diagnostica dei Componenti Elettromeccanici
Tecnologie per gli ApparatI Elettrici

Research interests

Francesco Guastavino studied in depth the partial discharge (PD) phenomena focusing his interests not only on the physical behavior but also on the electrical and acoustic measurement methods. About this subject, he studied test and analysis procedures to define phenomenological models capable of predicting the lifetime considering particular test conditions. Furthermore he explored the behavior of different polymeric materials, also containing different kind of nano-fillers, subjected to high electrical fields, studying the effects of different influence parameters (i.e. applied test voltage amplitude, distance between electrodes et al.) on the inception and on the growth of the electrical treeing phenomena

Editorial activity

Associated Editor of IEEE Transactions on Dielectrics and Electrical Insulation.

Reviewer of several IEEE Transactions, Journals, Magazines and National and International Conferences

Other professional activities

Prresident of Diasol Srl Spin-Off of the University of Genova