

## CURRICULUM VITAE

di

Fabrizio Marignetti

### Education

- National Scientific Qualification as a Full Professor in Electric Machines, Converters and Drives (2012 and 2019)
- Ph.D. Degree in Electrical Engineering from the University of Naples "Federico II", Italy (1998)
- Qualification as a Professional Engineer in Italy (1993)
- M.Sc. (Laurea) Degree cum laude in Electrical Engineering from the University of Naples "Federico II", Italy (1993)

Work experiences in the industry

- Founder and CEO of the spinoff company LEDA, Laboratory of Advanced ElectroDynamics, srl (2009-present).
- Consultant of Hitachi Rail SpA, Italy (2017-present)
- Consultant of Neatech Srl, Italy (2020-present)

### Academic positions

- Associate Professor in Electric Machines, Converters and Drives, the University of Cassino and South Lazio (2005-present)
- Assistant professor in Electric Machines, Converters and Drives, the University of Cassino and South Lazio (1998-2005).
- Coordinator of the PhD program in Methods, Models and Technologies for Engineering, the University of Cassino and South Lazio (2021-present)
- IEEE Italy Section IE Chapter Chair (2022-present)
- Member of the Board of Directors, EnSiEL Consortium (2021-present)
- Member of the CIGRE WG C4.61 (2021-present)
- Member of the Department Board, the Department of Electrical and Information Engineering, (2018-present)
- Departmental manager for Masters programs and continuing education (2018-present).
- Member of the council of the PhD Program in Methods, Models and Technologies for Engineering (2008-present).
- Member of the council of the degree course in Industrial Engineering at the University of Cassino and South Lazio, Italy (2018-present).
- Member of the didactic committee for the study plans, the Department of Electrical and Information Engineering, (2018-present)
- President of the Cassino Section of the AEIT (2018-2020)

### Academic teaching activity

- Teaching responsibility for the post-graduate course of Electric Machine Design, (2008-present).
- Teaching responsibility for the under-graduate course of Electric Machines, (2020-present).
- Partial teaching responsibility for the post-graduate course of Electric Drives, (2020-present).
- Partial teaching responsibility for the under-graduate course of Electric Machines, (2008-present).

### PhD student and research fellow tutorship

- Coordinator for the PhD Program in Methods, Models and Technologies for Engineering (2020-present)
- Board Member of the PhD program in Energy Conversion Università degli Studi della Campania "Luigi Vanvitelli" 2003-2015 (Cicli XXIV-XXVIII)
- Scientific supervisor for 11 PhD students (2011-present)
- Scientific supervisor and funder for 4 annual research fellow contracts (2011-present)

### International awards

2022 "Distinguished Scientist Award", International Scientist Awards on Engineering, Science, and Medicine INSO January 16th, 2022.

2019 Plenary Session Speaker award, EVER 2019, Exposition & International Conference on Renewable Energies and Ecologic Vehicles, MONACO May 10, 2019

2018 Award for winners of the Public Notice "Research Group Projects LR13 / 2008" - for the Project n. 85-2017-85-2017-15378: Device for emergency implementation during catastrophic events

2016 Best Paper on Renewable Energies, EVER 2016, Exposition & International Conference on Renewable

Energies and Ecologic Vehicles, MONACO April 8, 2016

2006 IEEE Industry Applications Society Electric Machines Committee Prize Paper Award (Second Prize) IEEE / IAS 41st Annual Meeting. date: October 12, 2006

2007 Best Paper Award (second prize) European Comsol Conference Grenoble (France) European Comsol Conference. Grenoble, France, 23-24 October 2007, Date: 24/10/2007

#### **Editorial positions for international journals**

- Associate Editor, Electric Power Components and Systems (2007-present)
- Associate Editor, IEEE Transactions on Industrial Electronics (2007-2021)
- Associate Editor, IEEE Transactions on Industry Applications (2012-present)
- Member of the Editorial Board, International Transaction on Power and Energy Systems (2021-present)
- Member of the Editorial Board, Journal of Electric Engineering (2001-present)
- Lead Guest Editor, Special Issue on Fail-Safe Electric Drives and Safety-Related Issues, Energies, MDPI (2020)
- Lead Guest Editor, Special Issue on Marine Energy Conversion. Advances in Mechanical Engineering. Hindawi corporation (2014 and 2015)
- Guest Editor, Special Section on 'Fractional Horsepower Electric Drives', IEEE Transactions on industrial Electronics (2011)

#### **Roles in national research organizations**

- Board-of-Directors Substitute Member of the Association of Italian Researchers on Electric Machines, Converters and Drives (CMAEL) (2020-present).

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