

CURRICULUM VITAE

of

Maria Dicorato

2001 3 year Ph.D in Power Systems

1997 5 year Master degree in Electrical Engineering (with honour),

Educational Experience at Politecnico di Bari

Since 2005 she has been officially teaching Power System matters in degrees (undergraduate and master) of Electrical, Managerial, Mechanical, Medical Systems and Energetic Engineering (at Foggia, Taranto and Bari locations).

Since 2018, Coordinator of the M.Sc. Course in Electrical Engineering at DEI.

Scientific Experience at Politecnico di Bari

2018-: Associate Professor at the Dept. of Electrical and Information Engineering (DEI)

2002-2018: Tenured Assistant Professor at DEI

2000-2002: post-doctoral temporary research fellow at DEI

1997-2000: Ph.D student DEI

Research Programs and contracts

As responsible

- H2020-ECSEL-2019-2-RIA “Highly efficient and trustworthy electronics, components and systems for the next generation energy supply infrastructure” (PROGRESSUS) cod. id. 876868 (2020-2023) (local amount 500 k€)
- H2020-ECSEL-2016-1-RIA-two-stage “Innovative smart components, modules and appliances for a truly connected, efficient and secure smart grid” (CONNECT) – cod. id. 737434 (2017-2020), (local amount 800 k€).
- PON03PE_00012 “Marine Energy Laboratory -Ricerca e sviluppo di sistemi per la produzione efficiente, accumulo e trasmissione di energia elettrica in ambiente marino” – (2014-2018)
- Research contract among TERNA-ENSIEL and DEI (2022-23) Analisi dei potenziali impatti sulla rete di trasmissione nazionale delle infrastrutture di ricarica per veicoli elettrici, Responsibles Maria Dicorato and Giuseppe Forte (38 k€)
- Research contract between Sorgenia and DEI – (2023-2025) Sistematizzazione e ampliamento di procedure per lo studio di rete per il sistema elettrico di potenza, (55 k€).
- Research contract between Sorgenia and DEI – (2019-2021) Procedura di calcoli di rete per il sistema di trasmissione dell’energia elettrica, (importo 55 k€).
- Research contract between TERNA and DEE – (2010-2011) “Simulazioni del mercato alla frontiera italiana” (25k€)

Furthermore, she has participated in over 20 research contracts and projects funded by public and private bodies.

International relationships

2012 Joint Research Centre-Institute for Energy

2004- Dott. S. Iniyar della Anna University, Chennai, India,

2000- Prof. Anjan Bose della Washington State University

International research community services

2018- member of the Editorial Board Frontiers in Energy Research Smart Grids

2018 Guest Editor of the Special Issue on the open-access journal "Energies"

2011- member of the Editorial Board of Renewable Energy, Elsevier Science Ltd

Reviewer of international journals (8) and conferences (7)

Scientific Publications

She is co-author of 96 scientific publications appeared in the Proceedings of International Conferences (66) and Journals (30) (www.scopus.com).