

CV Prof. Salvatore Foti

- Address: Department of Engineering - University of Messina, Contrada Di Dio (Sant'Agata), 98166, Messina, Italy
- Email: sfoti@unime.it
- Date of birth: 17/06/1988 - Nationality: Italian

EDUCATION

- Ph.D. - Engineering and Chemistry of Materials and Constructions XXIX cycle - University of Messina, (23/02/2017);
- Master's Degree in Electrical Engineering, Class LM-28 D.M. 16/03/2007 - University of Catania (A.Y. 2012-2013).

ACADEMIC CAREER

[01/10/2021 – to date] - University of Messina - Assistant Professor (RTD-A) (art. 24 c.3-a L. 240/10) - SC 09/E2 "Electrical Energy Engineering" – s.s.d. ING-IND/32 "Converters, Machines and Electric Drives".

Main activities and responsibilities:

- Teaching courses on: Electric Machines and Drives, E-Mobility, (2021 - to date).
- Teaching assistant for the S.S.D. ING-IND/32 courses at the Department of Engineering of the University of Messina, (2019 - to date).

RESEARCH PROJECTS

- Collaboration in the activities of the research group of the University of Messina in the framework of the PON 02_00355_3391233 ENERGETIC Project (2012-2015), (2014-2015);
- Collaboration in the activities of the research group of the University of Messina in the framework of the PON 02_00153_2939517 TESEO Project (2012-2015), (2014-2015);
- Collaboration in the activities of the research group of the University of Messina in the framework of the European Project H2020-EU.2.1.1.7 ECSEL WINSIC4AP Project ID 737483 (2017-2021) in the years 2017, (2017-2020);
- Collaboration in the activities of the research group of the University of Messina in the framework of the PON 02_00153_2939551 SEAPORT Project (2012-2015), (2014-2015);
- Collaboration in the research activities of the Project of the Department of Engineering of the University of Messina "Innovative static power converters" (2016-2018), (2016-2018);

- Collaboration in the activities of the research group of the University of Messina in the framework of the Project 08ME5010000226 PO FESR SICILIA 2014-2020 Fi-ShipS (2020-2023), (2020);
- Participation in the activities of the research group of the University of Messina in the framework of the NAUSICA Project ARS01_0034 – "Efficient ships through the use of innovative and low carbon technological solutions" (CUP: B45F21000700005), (2021 – to date);
- Participation in the activities of the research group of the University of Messina in the framework of the NEUROKIT2E - Open source deep learning platform dedicated to Embedded hardware and Europe CUP J43C22001630005, (2023 – to date).

SCIENTIFIC ACTIVITY

Research interests of Prof. Foti are in the fields of electric drives, renewable power generators, energy storage systems, electric vehicles, multilevel power converters, Open-end Winding systems, power electronic devices and switching power converters. Among these topics, the development of different topologies of multilevel converters, modulation techniques and power control techniques, are a topic of great interest since 2015, when he started his PhD at the University of Messina.

Prof. Foti is the author of 20 papers published in international technical journals and 44 in international conference proceedings.

Since 2015, he has been a member of IEEE and works as a reviewer for the international scientific societies IEEE IAS, IEEE IES, IEEE PELS and EPE Journal, Energies.

SCOPUS DATA (23-4-2024)

64 publications

489 Quotes

H-index 13

Awards

2020 - Best Paper Award, IEEE ELEKTRO 2020.