

Federico Delfino

Full professor

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Education and training

2001

PhD in Electrical Engineering

Electrodynamics of continuous media
Università degli Studi di Genova - Genova - IT

1997

MSc in Electrical Engineering

110/110 cum laude
Università degli Studi di Genova - Genova - IT

Academic experience

2016 - ONGOING

Full Professor

Università degli Studi di Genova - Genova - IT
Director of the University of Genoa Savona Campus and President of the Service Centre (CenVIS) for the management of Ventimiglia Imperia and Savona Campuses

2010 - 2016

Associate Professor

Università degli Studi di Genova - IT

2005 - 2010

Researcher

Università degli Studi di Genova - IT

2001 - 2005

Research grant holder

Università degli Studi di Genova - IT

Work experience

2018 - ONGOING

Member of the Minority Shareholders Support Committee

Cassa Depositi e Prestiti - Roma - IT

2017 - ONGOING

President of the Scientific Research Committee of the Italian Association of Bank Foundations (ACRI)

Italian Association of Bank Foundations (ACRI) - Roma - IT

2016 - 2020

President of a Bank Foundation

Fondazione Agostino De Mari - Savona - IT

2015 - ONGOING

President

Consorzio Energia Liguria (consortium for electricity and gas provision to public subjects in Liguria region) - Genova - IT

2014 - 2017

Member of the Board of Directors

Fondazione Ansaldo - Genova - IT

2013 - 2016

Vice-President of a Bank Foundation

Fondazione Agostino De Mari - Savona - IT

2011 - 2014

President of the regional Technological Park 'Val Bormida'

FILSE S.p.A. - Genova - IT

Language skills

Italian

Mother tongue

English

Proficient

French

Independent

Teaching activity

- "Circuit Theory & Applications" in the B.Sc. program in Mechanical Engineering
- "Power Systems Management" in the M.Sc. program in Energy Engineering

Postgraduate research and teaching activity

PhD committees membership

Member of the Teaching Board of the PhD in 'Science and Technology for Electronic and Telecommunication Engineering'

Research interests

- Modeling, control and operation of smart power grids & sustainable microgrids;

- Distributed generation & energy networks for smart city applications;
- Energy management strategies & decision support systems for sustainable urban planning;
- Power systems modeling & transients.

Grants

2020 - ONGOING

MySUN - Malaysian Sustainable University campus Network

EU Erasmus+ CBHE
Principal investigator

2019 - ONGOING

ALPGRIDS - Increasing RES uptake through microgrids in the Alps

EU 4th INTERREG Alpine Space (2014-2020 program)
Principal investigator

2018 - 2020

Pick Up (Piattaforma di Integrazione sensori IoT per controllo Kpi energetici in ambito Urbano)

Regione Liguria
Principal investigator

2017 - 2020

Living Grid - Cluster Tecnologico Nazionale Energia

Ministero dell'Istruzione dell'Università e della Ricerca (MIUR) - IT
Principal investigator

2012 - 2017

Smart Energy Building

Ministero dell'Ambiente e della Tutela del Territorio e del Mare (MATTM) - IT
Principal investigator

2016 - ONGOING

Energy Efficiency Measures on Campus Buildings

Regione Liguria - IT
Principal investigator

2011 - 2014

Smart Polygeneration Microgrid

Ministero dell'Istruzione dell'Università e della Ricerca (MIUR) - IT
Principal investigator

2013 - 2016

SESMAG - Secure Smart Grid (Project Number

HOME/2012/CIPS/AG/3782)

EU Program on Terrorism other Security-related Risks (CIPS)
Participant

2013 - 2016

OPTIMising the energy USE in cities with smart decision support system (OPTIMUS)

EU FP7-SMARTCITIES-2013
Participant

Assignments abroad

In 2019 Visiting Professor at Kielce University of Technology (KUT) – Poland

Other professional activities

Scientific Coordinator of many research contracts. For the sake of brevity, the following list is related only to the ongoing projects:

- Italian Ministry of Defense. Objective: energy upgrade of a military district in the city of La Spezia (2019-2020);
- Provveditorato Opere Pubbliche Piemonte, Valle d'Aosta, Liguria. Objective: energy upgrade of the courthouse located in the city of Savona (2018-2020);
- Kielce University of Technology (Poland). Objective: research activities and education on Sustainable Energy and Smart Cities (2018-ongoing);
- Tirreno Power S.p.A. Objective: research & demonstration activities on energy issues (2018-ongoing);
- Enel S.p.A. Objective: joint laboratory named 'Living Lab Microgrid' for the development and test of innovative energy technologies for Smart City applications (2016-ongoing).