

CURRICULUM VITAE

of

Gian Giuseppe Soma

Gian Giuseppe Soma is with the University of Cagliari as Post-Doc Researcher in Power Systems.

Education Level/Qualification

- 2009 Ph. D. degree in Industrial Engineering (University of Cagliari - Italy);
- 2017 Qualified for the role of Associate Professor, scientific sector ING-IND/33 (Electrical Power Systems) (validity until 2028);
- Qualified for professional engineering activities since 2005.

Main activities

- from 2005 - up to now: Research activities with the Power Systems Research Group (scientific coordinator prof. Fabrizio Pilo), at the Dept. of Electrical and Electronic Engineering of the University of Cagliari.
- 2006 - Research contract, titled "Wind generation in the transmission and distribution networks: models, planning network and optimal location". Dept. of Electrical and Electronic Engineering - University of Cagliari.
- from 2008 - up to now: Board member of the spin-off of the University of Cagliari RESPECT srl, Renewable Energy Smart Power and Clean Technology.
- 2012 – Member of Local Committee, "8th Mediterranean Conference on Power Generation, Transmission, Distribution and Energy Conversion - MEDPOWER", Cagliari, 2012.

Research field of interest

The most important research fields investigated by Dr. Soma, demonstrated by over than 75 scientific papers, published in international Journals or conference proceedings, are briefly summarized in the following:

- Planning and Operation of innovative Electric Distribution System and smart grids (impact of Distributed Generation, storage devices, electrical vehicles and renewable energy sources).
- Flexibility assessment and market participation of Distributed Energy Resources.