

CURRICULUM VITAE
of
Luigi Rubino

Luigi Rubino receives his master degree in 2008 as Electronic Engineer at Second University of Naples (today Unicampania) with a thesis "Project and realization of an isolated DC-DC converter". The thesis was focused on the design of a bi-direction DC/DC convert for the aeronautical application and was related to the European project MOET. The work lead to writing two European Patents:

- Anastasio Vincenzo, Di Donna Laura, Marino Pompeo, Cavallo Alberto, Guida Beniamino, Rubino Luigi, "Buck-boost mode switching method for a DC-DC converter, and DC-DC converter" EP2393196
- Anastasio Vincenzo, Di Donna Laura, Marino Pompeo, Cavallo Alberto, Guida Beniamino, Rubino Luigi "DC-DC Converter and associated driving method" EP2393195

Hi receives his PhD degree in 2012 in the same University with a thesis: Analysis and design of a resonant LLC converter for a Parallel Multicell Converter. The work was funded by Airbus SaS Toulouse.

Currently he is Associate Professor at the University of Campania "Luigi Vanvitelli".

His research activities are related to the study of innovative converter topologies with related driving method for the increase of efficiency and power density; energy management for microgris, solid state circuit breaker. He participates to 5 european and 2 national projects. Today is the scientific coordinator and PI for Unicampania of the European project ASPIRE, focused on the realization of a smart grid for onboard regional aircraft. Luigi Rubino was scientific coordinator and PI of two projects funded by Airbus for the realization of solid state circuit breaker.