

CURRICULUM VITAE

Prof. Ing. Roberto Sbrizzai

He obtained master's degree in electrical engineering aimed to electrical systems design at the University of Bari, on 16 July 1986, with degree mark of 110/110 cum laude and PhD degree in electrical engineering on September 1992.

Main research projects in which he was involved:

- Laboratory Networks Project of the Puglia Region: "Laboratory for development of renewable sources and energy efficiency in energy districts: ZERO Project (Zero Emission Research Option)", 2009-2014;
- Strategic Project of the Puglia Region: "Smart Grid: Advanced technologies for public services and energy", 2009-2011;
- "GASATO Project - Analysis of the territorial energy status quo, study of energy-environmental efficiency models and study of a model relating to the creation of a transnational multi-utility for the harmonized management of resources energy issues with the point of view of eco-compatible development", PIC INTERREG PHARE program 2004/2006, years 2007/2008;
- "Technical financial tools for managing security of National Transmission network", research contract S 1685 between the Italian Experimental Electrotechnical CESI Centre Giacinto Motta SpA and the Politecnico di Bari, year 2003;
- "Stability Analysis in electrical power systems in according of the new legislation on the liberalization of the electricity market", scientific research project relating to the University research fund (formerly MURST 60%) of the Polytechnic of Bari, years 2001/02;
- "National transmission grid security control through resources from Balancing and Reserve Market and use of derivative financial instruments", MURST 2002 co-financing, years 2003/2004;
- "Planning of regional or sub-regional electricity production in the presence of distributed generation and with environmental constraints", co-financing MURST 2001, years 2002/2003.

Academic position (Politecnico di Bari - SSD "Electrical Systems for Energy"):

- from 1989 to 1991: PhD in Electrical Engineering;
- from 1992 to 2001: research fellow;
- since 2001: associate professor.

Teaching activity (at the I Faculty of Engineering of the Politecnico di Bari):

- teaching for degree courses in Electrical Engineering (in various academic years):
 - "Electrical systems for energy",
 - "Electrical systems",
 - "Distribution and use of electricity",
 - "Electrical safety technique",
 - "Automation of industrial electrical systems";
- teaching for
 - "Master in Safety Engineering",
 - "Master in Energy Management" (2007),
 - the II level Master in "F-PrInCE: Training in innovative processes for energy conversion" (2014).