

CURRICULUM VITAE
of
Francesco Castelli Dezza



Francesco Castelli Dezza was born in Milano on March, 11th 1960

Dipartimento di Meccanica
Politecnico di Milano, Via La Masa 1, 20156 Milano

+39 02 2399 8455

francesco.castellidezza@polimi.it

Education and work experience

- ✓ From March 2016 he is full professor of electrical machines, converters and drives (ING-IND/32) at the Politecnico di Milano (Department of Mechanical Engineering)
- ✓ From November 2011 to March 2016 he was associate professor of electrical machines, converters and drives (ING-IND/32) at the Politecnico di Milano
- ✓ From July 1992 to November 2011 he was assistant researcher at the Politecnico di Milano
- ✓ In September 1990 he took the PhD degree in Electrical Engineering at the Politecnico di Milano
- ✓ In October 1986, he took the master degree with laude in Electrical Engineering at the Politecnico di Milano

Publications

- ✓ His main research fields are:
 - Power electronics, with regard to the study and the control of different converter topologies and to the study of high performance modulation and control strategies applied to medium-high power converters
 - Static converters for distributed generation and automotive application, with particular care to efficiency increment of the whole process and to power quality
 - Sensorless control techniques.
 - Design of digital control of electrical drives: formal methods and real time systems.
 - Modeling and control of electromagnetic devices
- ✓ He is, at present, author and/or co-author of 6 national/international patents and more than 100 scientific papers published on proceedings of international conferences or international journals, indexed in Scopus (author id: 57035352700)

Responsibility in research projects and contracts

- ✓ in the last 5 years he is/was PI for the unit of the Politecnico di Milano for several research contracts (~900k€) and he is the leader of POLIMI partner in the European Project FUNDRES (H2020 - Shift2Rail-RIA).

Activity for editorial boards and international conference organizations

- ✓ He is/was in the Organizing Committee of several International Conferences on Power electronics, Electrical Machines and Drives
- ✓ Since 2003 he is a member of the Academic Board of the PhD Programme in Electrical Engineering, Politecnico di Milano.