

**CURRICULUM VITAE**

of

**Luis Vaccaro**

Luis Vaccaro, received the M.S. degree in Theoretical Physics in 1991 and was awarded with the Universidad of Concepcion (Chile) Prize. He received the M.S. degree in Applied Physics in 1996, in 2005 the B.Sc. degree in Electrical Engineering and in 2009 the Ph.D. degree in Electrical Engineering, all from the University of Genova. Since 2009 to 2018 he has been a Research Fellow at the DITEN (Department of Naval, Electrical, Electronics and Telecommunications Engineering) of the University of Genova where he has worked at the PETRA (Power Electronics, TRansportation and Automation) laboratory, mainly in power electronics, electrical systems for transportation, electrical drives and electrical machines, in that time he has performed integrative didactic activity (seminars) within the course "Electrical Drives Control" and was supervisor of several degree thesis and he has participated in several International Conferences of the Sector where he has presented his research work. Since 2018 he has become a researcher, continuing with the previous research topics at the PETRA laboratory and during the academic year 2019/2020 he will hold the annual course "Power electronics software and hardware laboratory". From the following academic year, he will hold the course "Software and hardware laboratory for electronic power systems".

Luis Vaccaro was a freelancer from 1996 to 2012, dealing mainly with the design of instrumentation in the field of nuclear medicine and control electronics in companies in northern Italy, such as ACN Srl (nuclear medicine), Marconi SpA (remoting of serial ports for military use on behalf of LAB33 Srl), ANT Srl (complete SW and HW development of a system communicating via radio frequency), acquiring considerable experience in the design of real-time control electronics based on uP, DSP and FPGA components.

His technical and scientific activity, that is certified by more than 60 papers, which have been mainly presented at international conferences or published on international journals and by the ownership of 3 patents in the field of power electronics, high power converters, multilevel converters and HVDC has been carried out within research contracts and co-operations with national and international companies. In addition, he worked in several research contracts funded by the *Italian Ministry of University and Scientific*.

Luis Vaccaro is a member of the *Institute of Electrical and Electronics Engineers (IEEE)* and the CMAEL Association (Italian Association of "Electrical Converters, Machines and Drives Group").

In 2019 he has been part of the local organizing committee for the EPE-ECCE Europe Conference (21th Conference on Power Electronics and Applications, with about 1000 participants from Europe and from all over the world) that will be held in Genova in September 2019.