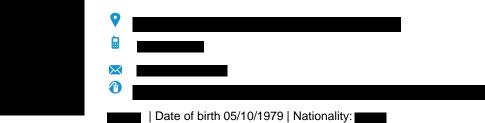
Curriculum Vitae

PERSONAL INFORMATION BRINDESI CANALI CARLO



Enterprise	University	EPR
Management Level	Full professor	Research Director and 1st level Technologist / First Researcher and 2nd level Technologist
Mid-Management Level	Associate Professor	Level III Researcher and Technologist
Employee / worker level	Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

WORK EXPERIENCE

since Jaunuary 2022

Technologist



IIT – Istituto Italiano di Tecnologia Genova (industrial Facility) Coordination and project managing of research and development projects in the field of automation, industrial robotics and inspection robotics Activity: Research and development, automation and robotics 01/02/2017 - 31/12/ 2021

Researcher

IIT - Istituto Italiano di Tecnologia Genova (ADVR Advanced Robotics)

Coordination and project managing of research and development projects in the field of automation, industrial robotics and inspection robotics. I coordinate a team of 6/8 researchers for the development of innovative robotics and automation solutions and research projects in collaboration with multinational companies, managing an annual budget of around € 1M Activity: Research and development, automation and robotics

01/04/2013 - 28/02/2017 Postdoctoral Researcher

IIT – Istituto Italiano di Tecnologia Genova (Dipartimento ADVR Advanced Robotics)

Design, development, and integration of advanced robotics systems for research and development in areas of industrial automation, I dealt with electronics, sensors and control systems.

Activity: Research and development, automation and robotics

01/05/2011 - 30/03/2013



01/05/2009 - 30/04/2011



Postdoctoral Researcher

CERN - The European Organization for Nuclear Research – <u>www.cern.ch</u> e University Of Zurich Rämistrasse 71, 8006 Zurich, Switzerland

Responsible for the design, construction and testing of the reading electronics of a sparkling fiber anti-hydrogen detector

Activity Electronics, nuclear physics

Postdoctoral Researcher

Università Degli Studi di Genova / INFN Istituto Nazionale Fisica Nucleare Sez. Genova

Responsible for the development and testing of real-time control systems based on LabView RT, design and construction of custom electronics based on FPGA for particle manipulation.



01/02/2008 – 30/04/2009 Postdoctoral Researcher

MAX-PLANCK-INSTITUT FÜR KERNPHYSIK HEIDELBERG	 Max Planck Institute for Nuclear Physics, Heidelberg Germany (Saupfercheckweg 1, 69117 Heidelberg, Germany) Responsible for the realization of the electronics and of the control systems and data acquisition in experimental setup for atomic physics. Activity Electronics, nuclear physics Teaching Doctoral Courses Università degli studi di Genova Teacher of the PhD course "Data Acquisition and Data Analysis Methods" 	
2018, 2019, 2021		
2014, 2015	International teaching SYSU Summer School, Sun Yat Sen university Zhuai campus, China M echatronics and electronics, invited teacher / summer school	
EDUCATION AND TRAINING		
January 2005 – December 2008	PhD in Physics	
	Università Degli Studi Di Genova	
July 2004	Laurea in Fisica (Master in Physics) votazione di 110/110	
	Università Degli Studi Di Genova	
July 1998	Diploma di Maturità Scientifica	
PERSONAL SKILLS	Liceo E. Fermi Genova Votazione: 60/60	
Mother tongue	Italian	
Other Languages	English – B2	
Job-related skills	Project management Electronics design and test, LabView / LabView RT / Data Acquisition VHDL/Programmazione FPGA, Microcontrollers/DSP, Bus di comunicazione / interface: RS232, RS485, CANopen, SPI, I2C, Altium Designer 10 / OrCad Industrial robot programming, C/C++, Analisi Dati Basic knoledges in mechanical design PTC CREO, CAD.	
Project Management skills	 I've coordinated several projects in the field of robotics, R&D, automation. Master Project Management - Basic Level, II Sole 24h Business School leadership, I am currently in charge of a team of 6 people team building, helping people to work together in a peaceful environment is my priority mediation skills. 	
ADDITIONAL INFORMATION		
Projects	Technical responsible of R&D industrial projects: – AVIO aero: design of a robotic assembly cell for aerospace components – AVIO aero: design of a robotic endoscope system for oil duct inspection – AUTORECON: design of reconfigurable grippers for automotive Principal Investigator of Ansaldo-IIT project C3DO – Principal Investigator of Luxottica-IIT project SmartVision – Principal Investigator of Ansaldo-IIT project IDLIR	
Publications		
Collaborations	more than 70 publications in relevant international journals and proceedings, h-index: 17 industrial projects in collaboration with: Ansaldo Energia, Avio Aero, Luxottica, INAIL, Associazione Festival della Scienza, Master thesis supervisor (Università Degli Studi di Genova, Università Politecnica delle Marche, Politecnico di Torino, INFN - Istituto Nazionale Fisica Nucleare)	

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV