

## CURRICULUM VITAE of FEDERICO DELFINO



Federico Delfino was born in Savona in 1972. In 2001 he obtained the PhD in Electrical Engineering and since 2005 he began his academic career in the scientific sector "Power Systems Engineering" at the University of Genoa, first as a researcher (2005 - 2010 ) then as an associate professor (2010 - 2016) and from 2016 as full professor at the Polytechnic School, where he teaches " Circuit Theory & Applications " and "Power Systems Management", respectively in the BSc course in Mechanical Engineering and in the MSc course in Energy Engineering. His research activity includes the following topics: modeling, analysis, control, protection and management of power systems and electrical networks; decision support systems for sustainable urban energy planning; integration of renewable energy sources and storage systems in transmission and distribution networks; design and operational management of sustainable energy microgrids for Smart City applications. On these issues he is the author or co-author of more than 200 scientific publications. He has also written two international books specifically dedicated to the design and operational management of sustainable microgrids. Finally, he is the holder of a patent concerning high efficiency energy production systems. Since November 2020 he is the Rector of the University of Genoa. Previously, he was the Director of the Savona Campus, where he carried out scientific coordination activities on several international and national research projects in the fields of Sustainable Energy and Smart Cities. He is currently a member of the Board of Directors of the regional Digital Innovation Hub of Confindustria Liguria, a Board Member of the Ansaldo Foundation, a Board Member of G. Gaslini Institute and a member of the Executive Board of the Liguria Region for the planning of initiatives based on the Italian PNRR (Digital Next Generation Area) with regard to Digital Transition Area.