

CURRICULUM VITAE

of

Paolo Pelacchi

Paolo Pelacchi received the electrical engineering degree with honours from Pisa University, Italy, in 1976. From 1977 to 1979 he worked in OSAI (Olivetti Sistemi di Automazione Industriale) where he developed software for robot control and monitoring. In 1979 he joined the Electrical Research Centre of ENEL in Milan, where he was engaged in the 1.000 kV Project to develop an electric energy transmission system at 1.000 kV. For this project he cooperated, in particular, to the design of the pilot transmission line.

In 1983 he joined the Department of Electrical Systems and Automation of Pisa University first as a researcher, then, from 1992, as associated professor and lastly, from 2000, as full professor of Electric Power Systems.

From 1987 he was involved in the development, design and standardization of a new type of compact lines which were built in Italy in the last decade of the 20th century. From 1996 he carried out basic studies relevant to the developing of the new Italian Electricity Market.

From 1988 to 1994 he was elected as a member of the Consultant Committee for Engineering and Architecture Studies of the Italian National Council (CNR).

From 1992 Paolo Pelacchi have held lectures of "Electric Power Systems II" and of "Planning and Management of Electric Power Systems" for the students of Power Electric Engineering, lectures of "Electric Power Systems" for the students of Electric and Energetic Engineering. He has been supervisor of more than 300 PhD, master and bachelor thesis.

From 2002 up to 2011 Paolo Pelacchi was Chairman of the Board of Governors of Bachelor and Master degrees in "Electrical Engineering" at Pisa University. He is now member of PhD Council in "ENERGY, SYSTEMS, CONSTRUCTIONS and TERRITORY ENGINEERING", always at Pisa University.

Paolo Pelacchi was national coordinator of the PRIN project "Renewable generation sustainable development in liberalised electric power systems: technical, economical and management aspects", that was financed in 2004 by the University and Research Ministry.

In 2007, Paolo Pelacchi was selected by the Italian Electric and Gas Regulation Authority (ARERA) as an expert in order to evaluate research projects in the field of Electric Power Systems Research; in this role, Paolo Pelacchi examined and evaluated several projects in the period 2007 - 2019.

In the past Paolo Pelacchi was secretary of the Italian Electrotechnical Subcommittee 11-7 (CEI) "Overhead lines and conductor materials". He was also member of the TC 11 of CENELEC, "Overhead Electrical Lines Exceeding 1 kV AC (1.5 kV DC)", and of the WG C6.08 "Integration of Large Share of Fluctuating Generation" that depended by the CIGRE C6 Committee "Distribution System and Dispersed Generation".

Paolo Pelacchi was invited speaker, on 2007, in a seminar issued by Erlag TAIEX (Technical Assistance Information Exchange Instrument - DG Enlargement) of the European Commission on wind generation penetration; the seminar was held in Ankara (Turkey).

In the last 15 years Paolo Pelacchi has been consultant of some important industries like SORGENIA and ENEL Distribuzione.

He retired in November 2021

Paolo Pelacchi is author of more than 130 works published on refereed international journal and conference proceedings. His main research fields in the last 10 years have been:

- Studies relevant to the electro-mechanical behaviour of over-head electric power lines;
- Reliability and security of large transmission and distribution grids;
- Deployment evaluation of renewable sources generation in transmission and distribution grids.