

CURRICULUM VITAE**MASSIMO LA SCALA**

MASSIMO LA SCALA received his PhD in Electrical Engineering in 1989.

He is Full Professor of Electrical Energy Systems at Politecnico di Bari since 2020.

From 2011 he is Scientific Coordinator of the “Laboratory for the development of renewables, energy efficiency and smart grids: Progetto ZERO (Zero Emission Research Option)”. The Lab is part of the Apulian network for the applied research fostered by “Regione Puglia” and aims to the integration with other R&D networks and industrial clusters. The laboratory activities are briefly described in: <https://research.poliba.it/labs-networks/labzero>.

Scientific Activity

Massimo La Scala developed his research activity in the field of Electrical Energy Systems, Power System Analysis and Control, Transmission systems, power system stability, Smart grids, Energy Communities.

In 2007, he was acknowledged with the IEEE (Institute of Electrical and Electronic Engineers) Fellowship with the citation “for contribution to computationally efficient power system dynamic performances, simulation and control”. He is author of more than 280 scientific publications most of them published on well-known international journals of the area (IEEE Transactions on Power System, IEE Proc. Transmission, Generation, Distribution, etc.) or presented at international conferences. He contributed to 22 chapters in scientific books and is editor of 4 books in the energy systems realm.

He has been in the Board of Directors of the following Research Centers in the energy field: He has been Board member of “Distretto Tecnologico Nazionale sull’Energia” (National Technology Energy District, Italy) (2008-2010), has been CEO of CESE (Consortium for the research in public utilities and energy) at Politecnico di Bari, Italy (2007-2014), Board of Directors of the Consorzio Interuniversitario Regionale Pugliese (CIRP) a consortium of Universities in the Apulia Region (2008-2012), hoard member of Consorzio ENSIEL Consorzio Interuniversitario Nazionale per Energia e Sistemi Elettrici, a Consortium of 21 Italian Universities active in the power systems area and Ministry of the University (2017- to now).

He has carried out an intense activity in promoting scientific associations as: President of the Italian Electrotechnical and Electronics Association - Puglia Section (2004-2007), in 2006 founder of the Italian Association of Experts in Critical Infrastructures, National Board of Associazione Energia Elettrica of the AEIT (Associazione Elettrotecnica Italiana, today Federation AEIT) in 2007-2010, board of advisors of Associazione Scienze e Tecnologie per la Ricerca e l’Industria (2012-2014).

He is Associate Editor in E-prime e-Prime - Advances in Electrical Engineering, Electronics and Energy”

Dr. Massimo La Scala has been PI (Principal Investigator) in 30 research projects from 1997 to now. In the last 5 years, he has been PI in projects about Smart Grids and Smart Cities which received grants worth of a quota of 6500 k€ directly assigned to his research group.

Consulting for Public Bodies and Research Centers

Prof. Massimo La Scala has been Commissioner on issues related to authorization procedures for wind farms in Puglia (Italy) in the period 2008-2012.

In Italy, he has been appointed by the Italian Energy Authority (AEEGSI) in the committee of national experts for the evaluation of pilot projects in smart grids (2010-2011) and Cassa per i Servizi Energetici e Ambientali (CSEA) about reviewing Projects under financial support by the Italian Ministry of the Industry (2002-today). In 2010 he became member of the inspection teams selected by GSE (Electrical Services Manager) to carry out verification and inspection activities.

Abroad he was consultant for the Lithuanian National Control Commission for Prices and Energy (2004) and the Energy Market Regulatory Authority in Turkey (2005). In 2006, prof. La Scala participated as expert in a project about testing a Special Protection Scheme (SPS) of the Bureya Hydro Power Plant (2400MW) for the Russia Siberian Electric Power Research Institute and Transmission System Operator (TSO) of the Far East Interconnection Power System (IPS).

He is a member of the panel of 17 experts of the Permanent Observatory of the energy and water regulation in Italy.

In 2017 he has been in the panel experts involved in the evaluation of proposals, submitted in response to the call H2020-JTI-FCH-2017-1 (in Horizon2020 framework), about Fuel Cells and Hydrogen 2 Joint Undertaking (FCH2). He was expert referee in the UE program: RDI- Clean Energy Transition Partnership (CETPartnership) in the European Strategic Energy Technology Plan (SET Plan) for the European Commission and Nordic Energy Research (2022-2023).

Since 2018 to now he is member of the panel of 13 experts appointed by the Italian regulator (ARERA) in cost-benefit analysis ACB 2.0 for the development of the Italian Transmission Grid.

In 2020, Prof. La Scala has been in the panel of experts of the Ministry of the University and Research in charge of issuing the Italian Program of the Scientific Research for the period 2021-2027 in the area of "Security for Society" task force "Structures, Critical infrastructures and Networks".

Since 2021 he is Member of the International Energy Agency (IEA) Consultative Group to support the joint IEA-Italy Project: Smarter digital power infrastructure to enhance energy efficiency, resilient systems, and energy transitions.

From 2021, he is member of the Scientific Committee of RSE (Ricerca Sistema Energetico). The company's mission is to develop research programs in the electrical-energy sector, targeting the Italian electricity system.