

## Antonio Machado e Moura



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**Antonio Machado e Moura.** Born in Oporto, Portugal, he completed his degree in Electrotechnical Engineering at the Engineering's Faculty of University of Porto (FEUP) in 1973, having been awarded several prizes of school merit. He started his academic career at the same School, as Eventual Assistant, having become Assistant in 1975. From 1979 to 1981 he was absent from the country, having developed research work at the DER (Direction des Études et Recherches) of Electricité de France (EDF)", in Clamart, near Paris, with aim of preparing a PhD dissertation (area of electromagnetic transient regimes in HV and VHV Electric Networks). The public defense of the Thesis took place at FEUP in 1984. Following a documentary contest, he took up his position as Associate Professor at FEUP in August 1985. He applied for Habilitation (Agregação) on 17/18 November 1990, having been approved unanimously. He became a Full Professor at FEUP since November 1991. He was a member of the Executive Committee of the Department of Electrical and Computer Engineering (DEEC) from January 1997 to February 2005, having served as Vice-Director. At FEUP he has been responsible for conducting several curricular units in the area of Electrical Energy Systems and developed research in this area. He supervised and co-supervised several PhD theses, as well as several dozen MSc's theses. He has had a very intense activity in academic evidence juries (MSc, PhD, Habilitation), as well as in juries of documentary contests for Full and Associate Professors (University Higher Education) and for Coordinating and Adjunct Professor (Higher Polytechnic Education).

Until 2001 he held the position of coordinator of the Energy Systems Branch in the Licenciatura Degree in Electrotechnical and Computer Engineering at FEUP. He coordinated the installation and was responsible for LAT- High Voltage Laboratory of UP, installed at FEUP. This Lab start operating in 2007 (provisional phase), and subsequently was equipped with an impulse test up to 1200 kV and a transformer of industrial frequency up to 600 kV, starting full operation on May 2013. His accountability as LAT's Director ended on September 30th, 2020, but he must return in January 2023 to provisional direction of LAT due a dramatic vacant situation. He was a member of the national Jury of the REN (Electric National Grid) Prize, from its creation in 1995 till 2015.

In April 2004, he started to act as North Regional Coordinator of the College of Electrotechnical Engineering of OE, a position for which he was reelected in 2007, having ended his second term in March 2010. He was also a member of the Governing Council of the Northern Region of O.E., in the terms 2004- 2007 and 2007-2010. In April 2010, he started as Vice-President of the Governing Council of the North Region of the O.E., in the 2010-2013 term. He was elected in the 2013-2016 term as President of the National College of Electrical Engineering, and having transitioned in the following term (2016-2019) to the CAQ - Admission and Qualification

Council. In the term 2019-2022 his activity in the CAQ was renewed. In the present term 2022-2025, he is a member at Representative Assembly of O.E. At the same time, starting in 2016, he will serve as a member of the NMC (National Monitoring Committee) and NRC (National Register Committee) of FEANI (Fédération Européenne des Associations Nationaux d'Ingénieurs), now named Engineers Europe (EE).

He was a member of several Scientific and Professional organizations in Portugal and abroad and is part of the ISC (International Scientific Committee) of several Congresses and Conferences, as ICREPQ-ISC (International Conference on Renewable Energy and Power Quality). It also participates in Certification and Standardization activities in the areas of its specialty. He is the author of more than a hundred and a half publications in Scientific Meetings and in Technical Journals in the field of Energy. He has been providing technical and scientific collaboration to several companies in the electricity sector in the areas of Energy. He has also been asked to be present at various hearings in Courts of Justice across the country as an expert in the area of High Voltage Systems and Electrical Installations

**Additional Information:**

- Member of the ICREPQ International Scientific Committee.
- RE&PQJ Scientific Committee Member.