

## Vladimiro Miranda



### Profile

Vladimiro Miranda is Member of the Administration Board of INESC TEC – INESC Technology and Science, a private, non-profit R&D institute in Portugal, declared of public interest and one of the top R&D institutions in Portugal.

He is at the same time Full Professor at FEUP (the Faculty of Engineering of the University of Porto, Portugal), in the area of Power Systems.

He is also the President of INESC P&D Brazil, with head office in Sao Paulo, Brazil, and he was previously the President of the Board of Directors of INESC Macau, China.

Prof. Miranda presently also holds the following positions:

- Director at OCEANUS – Marine Research and Innovation, at the University of Porto, Portugal
- Invited Professor at the University of Novi Sad, Republic of Serbia
- Academic Advisor of the Department of Electrical Engineering of the Hong Kong Polytechnic University, in Hong Kong, China
- Member of the Scientific Council of IRESEN, the Agency of the Government of Morocco for research in renewable energies and smart grids, with head office in Rabat, Morocco
- Member of the Scientific Council of the Laboratory for Chemical and Biological Defence of the Portuguese Armed Forces

Since 1990, he has been serving in the Administration board of companies incubated by the INESC system and acting as consultant for industrial companies and for companies and agencies devoted to innovation and technology.

Prof. Miranda has been serving as Project evaluator for FCT (the Foundation for Science and Technology) and for the Innovation Agency in Portugal, as well as for similar governmental organizations in Norway, Croatia, South Africa, Chile, Brazil and Argentina, for whose Ministry of Science and Technology he has also served as evaluator of research institutions. He is also listed as Expert for the European Commission project evaluation.



Prof. Miranda holds a Ph.D. degree (1982) from FEUP in Electrical Engineering. In his academic life, he has been with FEUP since 1980 and with the INESC institutes since 1985. He was Visiting Professor in the Federal University of Pará, Brazil, in 2005. Previously, he had been Professor in the University of Macau, China (1996 and 1997).

As a researcher, he has always been in INESC TEC and its CPES – Centre for Power and Energy Systems, where he has been responsible for and participant in national and international projects related to topics such as wind and solar power forecasting, smart grids, distributed renewable resources, state estimation, micro-grids and other. He has authored a large number of publications in the most prestigious international journals in his area of expertise, mainly in the IEEE Transactions in Power Systems.

Prof. Miranda is recognized as an international expert in Computational Intelligence in Power Systems and for this motive he was elevated to the degree of Fellow of the IEEE (USA). He was the recipient in 2013 of the IEEE PES Rumakumar Family Renewable Energy Excellence Award.

