

Manuel Collares Pereira

Electrotechnical Engineer (IST- Technical University of Lisbon) , Ph.D. in Physics (Univ. of Chicago). Coordinator of Research at INETI- Lisbon, Renewable Energies Department (until Feb. 2006), Full Guest Professor, Physics Department (IST-Lisbon). At present he is Director of R&D of AO SOL, Energias Renováveis, Ltd, manufacturer of CPC type collectors and also in charge of setting up a group of companies (STEPS.g.p.s. holding company) to do solar thermal electricity projects with CLFR technology, the first of which will be in Algarve, Portugal. Founder of SUN CO, Companhia de Energia Solar, S.A., producer of solar ovens. He has done extensive research in Solar Energy as a specialist in Optics and Thermodynamics, with a large number of publications in areas like Non Imaging Optics applied to Solar Thermal, Photovoltaics, Illumination and Photocatalysis, Solar Irradiation Statistics, Solar Thermal Systems Design and Engineering, Domestic Hot Water and Heating and Cooling Systems, Absorption and Adsorption Cooling Equipment, Solar Drying, Solar Ponds, Solar Cooking , Greenhouses Heating. He has also been founder and twice President of CCE- Centro para a Conservação de Energia (the then acting Portuguese Energy Agency), founder and twice President of SPES- Sociedade Portuguesa de Energia Solar, the Portuguese Section of ISES, and President of ACTD- Associação para a Ciência, Tecnologia e Desenvolvimento.