

"The Role of Concentrating Solar Thermal Systems in the Decarbonization of the Energy Sector"

### **C.V. of Dr. Eduardo Zarza**



He was born in 1958 in Huelva (Spain). He got his Master degree in Industrial Engineering in 1986 and his Ph.D. in Industrial Engineering from University of Seville (Spain) in 2003.

At present he is working at the Plataforma Solar de Almería (PSA) as Technical Coordinator and Head of the R+D Unit on Line-Focus Concentrating Solar Systems. He has been working for the last 35 years with concentrating solar systems. He has been the Director of several national and International R+D projects related to solar energy and parabolic trough collectors (the projects DISS, Solar Thermal Desalination, CAPSOL, PREDINCER, DETECSOL, etc..). His specific R+D areas have been: solar seawater desalination, parabolic-trough solar collectors and direct steam generation. He is co-author of six books, fifteen chapters of books, 40 articles in peer-reviewed publications and 85 proceedings in International congresses related to solar energy. He has organized several national and International courses and seminars related to solar energy. He is a peer reviewer of many scientific magazines and Publications (Solar Energy, ASME Journal of Solar Energy Engineering, Applied Thermal Engineering, ENERGY - The International Journal of Chemical Engineering and Processing, and others). He is member of the Spanish AEN206/SC117 and international IEC/TC117 standardization committees for solar thermal power plants. He is also member of the Scientific and Technical Committee of the European Association of Solar Thermal Electricity (ESTELA) and the Scientific Committee of CIC-Energigune and the Executive Committee of SolarPACES (a collaborative technology program of the International Energy Agency, IEA). He has participated in the definition of the Strategic Research Agendas of several international entities, like ESTELA and KIC-Innoenergy.

He was the coordinator of the CYTED Thematic Network ESTCI (*Energía Solar Térmica de Concentración en Iberoamérica*, [www.redcytedestci.org](http://www.redcytedestci.org)). At present he is coordinating the Spanish Strategic Network SOLTERCO, aimed at promoting and disseminating the concentrating solar thermal technologies and their applications.