

C.V. Alberto Abánades



Born in Madrid in 1970, Industrial Engineering Ph.D since 2002, specialised in Energy Technologies by the ETSII of the Universidad Politécnica de Madrid, staff professor of the Department of Power Engineering of the ETSII-UPM. He collaborates with Nobel Laureate Prof. Carlo Rubbia since 1996 when at CERN he was involved in the TARC experiment regarding the Energy Amplifier project. Later, he was project leader at the LAESA company, established in Zaragoza (Spain) for the development of a proton accelerator laboratory and an Energy Amplifier prototype (1998-2001). He starts his academic career in the Department of Nuclear Engineering and Fluid-Mechanics of the University of the Basque Country in 2001 involved in Fluid-mechanics analysis.

Senior fellow of the Institute of Advanced Sustainability Studies, in Potsdam (Germany) from 2011 to 2013 and currently is scientific advisor in the Spanish Research Agency (AEI) since the end of 2015. Academic coordinator of the Energy Engineering Master of the UPM since January 2017. He is Vice-dean of postgraduate and doctoral studies at the Industrial Engineering School of the UPM since April 2018.

At present time he develops academic and research activities in the field of

- Thermal systems
- Concentrated solar technology
- Hydrogen production
- Low-carbon technologies and
- Transmutation of nuclear wastes,

being invited to specialised seminars and conferences in those fields, with a background that has produced 15 patents, 40 international publication in highly cited journals, 80 paper in international and national conferences, and 7 doctoral Ph.D thesis.

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