



CURRICULUM VITAE

F. Javier Ramírez

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Francisco Javier Ramírez Fernández is PhD in Industrial Engineering. His main lines of research have been the development of optimization models for industrial processes, optimization of industrial processes for remanufacturing in the circular economy environment, techno-economic analysis of renewable energy generation plants, innovation, and sustainability.

He has published twenty-three papers in journals indexed in the Journal Citation Reports (JCR), and he is co-inventor of two international patents with industrial exploitation, one national patent and three intellectual property registrations of software applied to the optimization of industrial processes, which are also being industrially exploited.

His main research activity has been carried out as a researcher and later Director of the R&D and Technology Department of the multinational EXPAL Systems SA, one of the main Spanish companies in the field of the Defence, being responsible researcher and/or collaborator in more than one hundred and fifty public and private, national, and international research projects and contracts.

Presents more than thirty communications in national and international conferences. Also, has been president of the organizing committee of two international conferences and member of the organizing and scientific committee of several more.

He has carried out research stays as visiting professor at the “Manufacturing Engineering Center” of the University of Cardiff, United Kingdom, in 2010 and 2011, and at the “School of Engineering and Physical Sciences” of the University of Birmingham, United Kingdom, in 2016 and 2017. Since 2015 he has been a member of the inCore research group (Innovation, Competitiveness and Networks) formed by researchers from the UCLM and led by Prof. Pedro Manuel García Villaverde.

At present he also collaborates with the research group of Prof. Duc T. Pham of the University of Birmingham about robotic disassembly for remanufacturing, and with the research group of Prof. Emilio Gómez Lázaro at the Institute of Renewable Energy in Albacete on models for optimization and improvement of the availability of plants and technologies for generating electricity from renewable energy sources.

He is Associate Editor of the journals "Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science" and "Cogent Engineering". It has a six-year term recognized for research merits, one six-year term for knowledge transfer and innovation, and three five-year terms recognized for teaching merits.

The quality indicators of his scientific production are as follows: H Index: 9 (Google Scholar) - Total citations: 700 (Google Scholar) - Average citations in the last 5 years: 659 (Google Scholar) - Total publications included in the JCR: 23 - Total publications in the first JCR decile: 8 - Total publications in the first JCR quartile: 11.