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Key Words: Electrical Protections, Fault Analysis, Modelling in Power Systems, Transmission Lines Ampacity, Distributed Generation, Microgrids, Fuel Cells, Electrical Applications of Hydrogen, Electrical Vehicles, Batteries, etc

Full Professor of Electrical Engineering since March 2006, with four research periods (1994-2017) and one enterprises transfer period. Head of the Dpt. of Electrical Engineering – University of the Basque Country (UPV/EHU), June 2002 - January 2015. Responsible of the PhD program “Power Systems” (June 2002 – July 2022)

Researcher or Responsible Researcher in more than 65 R+D projects, related to Electrical Engineering and Renewable Energies. Co-author of more than 70 technical papers, more than 160 communications in conferences, several books and book chapters, international reports (CIGRE and IEEE), etc. Co-author of 8 patents. Supervisor of 18 PhDs (four international).

Reviewer of national and international proposals of research projects: ANEP, CYTED, ACSUCYL, Programa Nacional de Energía, INNPRONTA, CDTI/MINECO, Agencia Andaluza del Conocimiento, Torres Quevedo grants, Juan de la Cierva grants, Research Ministry (REPUBLIC OF KAZAKHSTAN), COLCIENCIAS (Colombia), L'Agence Nationale de la Recherche (FRANCIA), Chile, etc.

Associate Editor of four International Journal: IEEE Transactions on Power Delivery; IEEE Power Engineering Letters; International Journal of Emerging Electric Power Systems; International Review of Electrical Engineering. Member of the Technical Committee of multiples international Conferences in the area of Power Systems. Reviewer of papers in multiples International Journal and multiples Conferences

Member in several Working Groups of CIGRE and IEEE (total, 4 reports).

Member of the Jury of multiples PhDs and Associate/Full Professor positions.

Member of the Jury in the prize “ZIV Automation – protection relays”

Member of the Jury in the prizes “MIT Innovators under 35 years - Energy” – Five contests

Member of the Jury in the prize “ENDESA Energy Challenges-Datathon” - 2016.

Etc, etc.....