

Benjamín González-Díaz



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Benjamín González Díaz. Lecture with tenure track in Electrical Engineering area from 2011 till to now. He was a researcher from 2003-2007.

Between 2003 and 2007, he spent 32 weeks were spent at the Labor- und Servicecenter LSC Gelsenkirchen des Fraunhofer-Instituts für Solare Energiesysteme, forming part of the Institute's research team.

Researcher intern at the Institute of Technology and Renewable Energy from 2007 to 2009 in the Solar Energy department. During this time, he participated in the design and start-up project of a Photovoltaic Module Factory, as well as collaborating in the development of the Solten and Solten II projects, where 20 MW of photovoltaic solar energy were installed.

Research Staff at the Institute of Technology and Renewable Energy from 2009 to 2011 in the Solar Energy department, where he was involved in the design and acquisition of instruments for the development of a photovoltaic cell manufacturing and characterization laboratory, in the deployment of dark fiber projects in the Tenerife Island Ring and in the design phase of the TEIDE Supercomputer. He was hired as an Assistant Professor Doctor at the University of La Laguna from 2011 to 2016 and promoted to Contracted Professor Doctor at the University of La Laguna in 2016 until 2018, where he obtained the position of Lecture with tenure track.

His main research interests are linked to the:

- Power Quality
- Renewable Energy with special emphasis in Photovoltaic and Wind Energy.
- Water-Energy nexus
- Energy transition
- Transient Stability of Electrical Power Systems.

His research is focused in the area of renewable energy, with 42 publications in journals listed in the JCR, a book on Photovoltaic cell technology, a book chapter on photovoltaic cell characterization techniques, a book chapter on the importance of Energy in Canary Islands Economy, a chapter on the virtualization of energy generation plants and more than 90 communications to conferences. He has been the supervisor of two PhD Students.

He has been involved in more than 15 research projects with public funding and 17 collaboration projects with companies and public institutions.

Additional Information:

- He has participated as Local Committee Chairman in the ICREPQ`19 organization
- Member of the ICREPQ Steering Committee and the REE&PQJ Editorial Board

