



Carlos Meza

Personal Information

Name	Carlos Meza (a.k.a. Carlos Meza-Benavides)	Address	Cartago, Costa Rica
Nationality	Costa Rican	E-Mail	cmeza@tec.ac.cr

Education

2008	Ph.D. in Industrial Control, Universidad Politecnica de Catalunya (Barcelona Tech), Barcelona, Spain. Thesis: Analysis and Control of Single-Phase Grid-Connected Photovoltaic Inverter
2006	Advanced Study Degree in System Engineering and Automation, Universidad Politécnic de Catalunya (Barcelona Tech), Barcelona, Spain
2003	M.Eng. In Embedded System Design, AlaRI - University of Lugano, Switzerland in collaboration with Politecnico di Milano and ETH Zurich.
2001	B.Sc. In Electronic Engineering, Costa Rica Institute of Technology, Cartago, Costa Rica.

Experience: Academic positions

2015-present	Coordinator of the Sustainability Campus Program, Costa Rica Institute of Technology.
2015-present	Head of the Laboratory of Electronic Systems for the Sustainability, Electronic Engineering Department, Costa Rica Institute of Technology
2010 - present	Researcher and associate professor, Electronic Engineering Department, Costa Rica Institute of Technology, Cartago, Costa Rica
2012-2015	Senior Postdoctoral Research Fellow, UNESCO's Abdus Salam International Centre for Theoretical Physics, Trieste, Italy
2008 - 2010	Researcher, Institute of Applied Sustainability to the Built Environment, SUPSI, Cannobio, Switzerland
2006 - 2008	Assistant researcher, Institute of Industrial Control Engineering, Barcelona Tech, Barcelona, Spain

Experience: Professional and other activities

- 2011–2012 and 2017–2020 Founder and president of the Costa Rica Solar Energy Association
- 2019 Coordinator of the Research Program on Clean Energy of the Costa Rica Institute of Technology.
- 2013 - 2016 Co-leader of the project "*Photovoltaic Energy and Jobs: Capacity Sizing, operation and installation of photovoltaic systems and certification of electrical systems to improve the employability of young people in El Salvador and Costa Rica*". (Project financed by the GiZ, German Agency for International Cooperation)
- 2012 - 2014 I have been collaborating with the Department of Sustainable Development of the Organization of American States (OAS) to plan and implement several activities related with energy efficiency in Latin America (seminars, pilot projects).
- 2013 - 2014 I have produced a study about the current situation in policies and research in renewable energy in Central America. The study has been commissioned by the Italian Agency for the Promotion of European Research (APRE). Link to the study: <http://www.enlace-project.eu/downloader.ashx?id=48>

Conferences and Workshops Organized

- Third Iberoamerican Conference on Smart Cities, San José, Costa Rica. Local Organizer. (2020).
- First 3D Solar Energy Summit, San José, Costa Rica. General Chair and Program Chair. (2020).
- Third Iberoamerican Workshop on Microgrids, Liberia, Costa Rica. Local Organizer and Program Chair (2015).
- UNESCO-ICTP Latin American Conference and FPGA School on Advanced Instrumentation. San Carlos, Costa Rica. Local Organizer. (2014)
- Third Seminar on Innovation, Science and Technology for Energy Efficient Development, Tuxtla Gutierrez, Mexico. General Chair and Program Chair. (2014).
- Second Seminar on Innovation, Science and Technology for Energy Efficient Development, Guatemala City, Guatemala. General Chair and Program Chair. (2013).
- First Seminar on Innovation, Science and Technology for Energy Efficient Development, Liberia, Costa Rica. General Chair and Program Chair. (2012).
- Workshop on Global trends in energy and the Seminar on Waste to Energy. General Chair and Program Chair. (2012).
- II Workshop on Open Source Tool for Control Systems, San Carlos, Costa Rica. General Chair and Program Chair. (2010).
- I Workshop on Open Source Tools for Control Systems, Lugano, Switzerland. General Chair and Program Chair. (2009).

Languages

Spanish	Mother tongue
English	Speaking/Writing/Reading: Fluent
Italian	Speaking/Reading: Fluent; Writing: Working knowledge

Publications

An updated list of publications can be found in the following pages:

- ORCID: <https://orcid.org/0000-0002-7374-505X>
- Google Scholar: <https://scholar.google.com/citations?user=XN63d3kAAAAJ>
- Research Gate: https://www.researchgate.net/profile/Carlos_Meza2

Projects

An updated list of projects can be found in the following web page

- Laboratory of Electronic Systems for the Sustainability (SESLab): www.ie.tec.ac.cr/seslab