



Edwin Lenin Chica Arrieta



Address: Faculty of Engineering
Department of Mechanical Engineering
University of Antioquia
Street 53 No.67-108, 050010, Medellín (Colombia)

Mobile: 57 3005183818

ORCID: 00000-0002-5043-6414

Edwin Lenin Chica Arrieta, a Mechanical Engineer, specialized in Mechanical Design, holds a MSc. in Engineering from Eafit University and a Ph.D. in Engineering from the University of Valladolid, Spain. He has been serving as a full professor in the Department of Mechanical Engineering at the University of Antioquia since 2005. He is acknowledged as a Senior Researcher in the National System of Science, Technology, and Innovation of Colombia, Edwin currently fulfills the role of coordinator for the Alternative Energy Group (COL0008058) at the University of Antioquia.

Bringing two decades of expertise in modeling, analysis, and structural simulation of technical systems, with a specific emphasis on energy efficiency, Edwin has actively contributed to the development of five patents. In his capacity as a main investigator, he has led or co-led research projects centered on energy generation and water characterization and treatment. Edwin's academic contributions include a substantial number of works comprising over one hundred of research papers published in indexed national and international journals, as well as book chapters and presentations at both national and international events. Edwin has also directed and advised theses at undergraduate, master's, and doctoral levels.

For a comprehensive overview of his professional career, please consult his detailed curriculum vitae on CVLAC through the following link:

http://scienti.colciencias.gov.co:8081/cvlac/visualizador/generarCurriculoCv.do?cod_rh=0000179973.

Additional Information:

- Member of the ICREPQ-International Scientific Committee.
- RE&PQJ-Scientific Committee Member.