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Research Topic

Project title: Power quality and energy storage in OWC plants
Related Work Packages: WP 6.4

Short Biography

Age : 24

Started in Tecnia on 1/04/2014.

Formation

2013 - Master's degree in Renewable Energy & Energy Efficiency at ETS Montréal
2012 – Diplôme d'ingénieur Telecom & Network at ECE Paris

My first experience in marine energies started during my master's internship in a start up in Montréal that is developing a Darrieus turbine for personal use in river or estuary.

Publications

Not yet

Current Research

In Tecnia, we have a test bench dedicated for Power Take-Off (PTO) research activities. The two main parts of this bench are the WEC emulator and the generator control. My research consists of using the test bench to simulate WECs in different sea conditions and apply control laws to assure maximal power production, better quality and grid connection.

Supervisor(s)

Pablo Ruiz-Minguela (TECNALIA)