



**Politecnico
di Torino**



Dynamic simulation of an innovative wave energy converter, based on gyroscopic effects

Master thesis proposal at the Marine Offshore Renewable Energy Lab Department of Mechanical and Aerospace Engineering Politecnico di Torino

👤 Recommended profile:

Mechatronics Engineering, Mechanical Engineering, Aerospace Engineering

💡 Topics involved:

Wave energy conversion

✉ Contact references:

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Proposal description

Development of a numerical model of the electro-mechanical conversion system, using Matlab and/or SimMechanics and/or WEC-Sim. Analysis of the productivity and parametric optimization of the most important features of the device.