

GONZALO MUÑOZ, ANA



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Place and date of birth: Madrid, 26th of November 1989 **Nationality:** Spanish **Drive license:** B

EXPERIENCE:

- 2014 **Assistantship in TROPOS** European project at “Universidad Politécnica de Madrid”.
- 1/1/2013-9/7/2014 Final Project of degree (cruise ship 3000 passengers).
- 2012-2013 Assistantship by the “Ministerio de Educación” for the **fuel cells** study at ETSIN and ETSIA.
(25 hours/week during 1 year as a laboratory technician)
- 2008-2012 Practices at **CEHINAV** (test canal of “Escuela Técnica Superior de Ingenieros Navales”) (UPM).
Practices of stability, manoeuvrability, propeller and advance resistance of ships.
- 2012 -2014 Teaching physics, chemist and mathematics to high school students.

EDUCATIONAL BACKGROUND:

- 30/1/2014-31/1/2014 “Management and Financing of Offshore Renewable Projects Forum 2014” seminar.
- 3/10 /2013-5 /10/2013 “Cruisers and Ferries International Conference (Safe Vessels for Safe EU Citizens)” seminar.
- 2011 **Mechanical engineering** at “Ecole Polytechnique de Montréal” of Canada thanks to an excellence Scholarship.
- 2008/2014 **Naval and Oceanic Engineer** (Naval architecture and marine engines) at the “Escuela Técnica superior de Ingenieros Navales (UPM)”
Hydrodynamics’ studies, stability, manoeuvrability and advance resistance of ships, elasticity, fluids, mathematics method, physics, structures, sadistic, electricity, materials...
- 2007-2008 **Escuela Técnica Superior de Arquitectura (UPM).** *First year of architecture.*

LANGUAGES

- Spanish: native.
- Frenchs: level B2.
- English: level B2

COMPUTER KNOWLEDGE:

Matlab (advanced; 2 years), Rinotheros (2D y 3D; 3 years) AutoCAD (2D; 1 year), Maxsurf (advanced; 1 year), Hydromax (advanced ; 1 year), Sketchup (intermediate ; 1 year), Statgraphicsv (intermediate ; 1 year), Simulink (intermediate; 1 year), Movie Maker (intermediate ; 1 year), Microsoft Word y Excel (intermediate ; 6 years).

PUBLICATIONS:

- *Marine Practice Guidelines for fuel cell applications* (Journal of Marine Technology and Environment, Vol. I Année 2013).
- *Electrochemical study of platinum deposited by evaporation on carbon cloth for application as fuel cell electrodes* (IV Iberian Symposium on Hydrogen, Fuel Cells and Advanced Batteries. Estoril, Portugal, 26-28 de Juin de 2013).