PUBLICATIONS

Full list of Publications can be accessed at: www.juliafchozas.com/publications/

PhD Thesis


Book


Articles

(2013)


(2012)


(2011)


(2010)

Julia Fernández Chozas


(2009)


Reports


Other articles, interviews and dissemination

- Press note on PhD Defence and main results, NordJyske newspaper, July 2013.

- Interview: “Sobre la energía de las olas” by Isabel Macías Núñez, Blog (betiquismiquis.wordpress.com), 2012.

- Interview: “Meet an Industrial PhD student”, Annual Brochure of the Dept. of Civil Engineering Aalborg University, 2012.

- Interview: “Me sorprende que aún no se haya aprovechado la energía de las olas”, by Judith Martínez, Magazine, La Vanguardia, 16th October 2011.


ORAL PRESENTATIONS, LECTURES AND POSTER PRESENTATIONS

Oral presentations

(2013)
- “An Introduction to Changing the Game”, INORE 7th Annual Symposium, Wales, UK.
- “Are waves only good for surfing? An introduction to wave power,” Energy Mondays series, Energy CrossRoads, Copenhagen, Denmark.
- “Technical and non-technical issues towards the commercialisation of wave energy converters”, Public PhD Defence and Discussion, Aalborg, Denmark.

(2012)
- “Issues towards commercialisation of wave technologies” Final Wavetrain2 Conference, Gran Canaria, Spain.

(2011)
- “Empowering Electricity from the Ocean: a Marie Curie Partner and Fellow Testimony”, Conference of the European Association for International Education, EAIE, Copenhagen, Denmark.
- “Predictability of the Power Output of Three Wave Energy Technologies in the Danish North Sea”, 9th European Wave and Tidal Energy Conference (EWTEC’11), Southampton, UK.
- “Wave energy power output predictability and variability”, Wavetrain2 meeting, École Central de Nantes, France.

(2010)
- “Integration of Wave and Offshore Wind Energy in a European Offshore Grid”, 20th International Symposium of Offshore and Polar Engineering (ISOPE), Beijing, China.

(2009)
**Lectures**

(2014)
- Facilitator of “ENSIGHT Game” DONG Energy, Fredericia.
- “Introduction to wave theory, wave power and wave energy converters” in the Master Course Renewable Energy Systems, DIS (Danish Institute for Studies Abroad), Copenhagen.
- “International Experiences in Wave Energy” and “The COE Calculation Tool” in All-Island Master in Marine Energies (Cork, Ireland).

(2013)
- Facilitator of “ENSIGHT Game” and “Changing the Game” at DIS, DONG Gentofte and DONG Teknologiskebyen, Copenhagen.
- “Introduction to wave theory, wave power and wave energy converters” in the Master Course: Renewable Energy Systems, DIS (Danish Institute for Studies Abroad), Copenhagen.

(2012)
- “Wave Energy: introduction, resources and concepts” Bachelor level, Aalborg University, Aalborg.

(2011)
- “Wave Energy”, Bachelor level, Aalborg University, Aalborg.
- “Resource Assessment” Master level, Aalborg University, Aalborg.

(2010)
- “Performance evaluation of wave energy concepts”, Master level, Aalborg University, Aalborg.
- “Integration of wave energy into the grid”, Master level, Aalborg University, Aalborg.

**Poster presentations**

(2013)

(2012)
- “Combined Production of a full-scale Wave Converter and a full-scale Wind Turbine - a Real Case Study,” 4th International Conference on Ocean Energy (ICOE), Dublin, Ireland.
(2011)
- “Predictability and Variability of the Power Output of Selected Wave Energy Converters”, 5th INORE Annual Symposium, Alcoutim, Portugal.

(2010)

(2009)

OTHER COMPLEMENTARY ACTIVITIES

Supervision

Successful project’s applications writing
- Project title: “Capacity Credit of Wave and Solar PV”, Application to Energinet.dk-PSO-ForskEL, Denmark, 2013.
- Project ‘Synergies for a wave-wind energy concept’, ICIS application (International Collaborative Internship Scheme) with Carlos P. Collazo (Univ. Plymouth), Hannah Buckland (Univ. Liverpool) and Morten Jakobsen (Univ. Aalborg), 2013.
- Project title: “Analysis of Power Output Predictability of Wave and Wind”, Application to Energinet.dk-PSO-ForskEL, Denmark, 2011.
ATTENDED COURSES

**Entrepreneurship courses**

Oct. 2013  “Regnskab for begyndere” (accountancy for beginners)

May 2013  “Copenhagen Business Mentor program: An Introduction to mentees and mentors”

May 2013  “Budgeting and Financing”

April 2013  “Start Here - Doing Business in Denmark”

Sept 2013 **ENSIGHT**

Training Course to become a facilitator of the ENSIGHT game. It has been developed by DONG Energy to learn about electricity markets.

Mar 2013 **DTU - Risø**, Marinet project.

“Offshore wind measurement techniques” and “Remote sensing for offshore wind”.

Dec 2011 **Edinburgh Business School**, Heriot-Watt University, MBA programme

Finance Course: 20 ECTS, Excellent grade.

**Wavetrain2 Project Courses**

Feb 2012  “Socio-economic impacts of offshore renewables” (2 ECTS), Wave Energy Centre, Gran Canaria, Spain.

Nov 2011  “Environmental impact assessment and licensing and environmental monitoring”, and “Electrical issues in wave energy farms” (3 ECTS), Wave Energy Centre, Orkney Islands, UK.

July 2011  “Electrical and mechanical power take-offs and wave energy implementation” (2 ECTS), Queens University Belfast, Portaferry, Northern Ireland, UK.

Jan 2011  “Numerical Modelling of Wave Energy Converters” (3 ECTS), École Central de Nantes, Nantes, France.


Sept 2009  “Wave energy realities” (3 ECTS), Wave Energy Centre, Pico Island, Portugal.

June 2009  “Physical modelling and monitoring of wave energy converters” (3 ECTS) Hydraulic Maritime Centre (HMRC), University College Cork, Cork, Ireland.

**PhD Courses**


March 2011  Intellectual Property Rights (2 ECTS), Faculty of Eng. and Science of Aalborg University.

May 2010  Advanced Energy System Analysis of the EnergyPLAN Model (3 ECTS), Dept. of Planning and Development of Aalborg University.

**BEST (Board of International Students of Technology) Courses**


Aug 2008  “Shipping on a green wave”, (4 ECTS) NTNU, Marintek, Trondheim, Norway.

March 2008 “Smart and passive houses”, (4 ECTS) Ljubljana, Slovenia.