



## GONZALO AZQUETA

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Gonzalo Azqueta graduated with a Master's degree in Naval Architecture and Marine Engineering at the University of Strathclyde in 2010, where he continued PhD education as part of the UK's EPSRC-funded Low Carbon Shipping Project. During his post-graduate time at University, he researched on the application of Fuel Cell Technology for on-board power generation. Afterwards, he joined Brookes Bell R&D as a Research Engineer, being involved in dynamic energy modelling, system sensitivity analysis and control design. In addition, he had also worked on software development for ship propulsive power prediction and mathematical modelling of marine auxiliary equipment.

### Education and Qualifications

2016 ( <i>expected</i> )	PhD in Naval Architecture and Marine Engineering.
2010	MEng in Naval Architecture and Marine Engineering.  Universities of Glasgow and Strathclyde

**Experience**

2015-present **Brookes Bell Singapore**

Naval Architect

2013-2015 **Brookes Bell LLP**

Research Engineer

Scope of work:  
Dynamic Energy Modelling.  
Sensitivity Analysis and Uncertainty Quantification.  
Control Design.

2010-2012 **University of Strathclyde**

PhD Researcher/Teaching Assistant

Scope of work:  
Fuel Cell Modelling and Operation.  
Marine Engineering Simulation and Modelling, Combustion Engine Simulation.  
Marine Engineering Fundamentals, Thermodynamics.

**Conference Publications**

G. Azqueta, David Clelland, Peilin Zhou: "*Energy balance of a fuel cell system for onboard auxiliary power generation*". 2nd International Conference on Technologies, Operations, Logistics & Modelling for Low Carbon Shipping. Newcastle, UK, 2012.

G. Azqueta: "*Integration of solid oxide fuel cell technology and thermal reformers with the ship auxiliary power plant*". UK Marine Technology Postgraduate Conference. Southampton, UK, 2011.

G. Azqueta, David Clelland, Peilin Zhou: "*Fuel Cells for marine applications*". International Conference on Technologies, Operations, Logistics & Modelling for Low Carbon Shipping. Glasgow, UK, 2011.