

# Nicholas McCaw EngD

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# About Me

## Education

- ▶ Aeronautical Engineering graduate from the University of Glasgow
- ▶ Masters Thesis in Toulouse

## Hobbies include:

- ▶ Walking
- ▶ Gym
- ▶ Swing Dancing

# What is an EngD?

- ▶ Alternative to PhD
- ▶ Industry focused
- ▶ Combines PhD level research with masters level technical work and MBA courses.

# The PhD

The aim is to apply improved computational fluid dynamic techniques to study the generation of noise by marine propulsors and tidal turbines.

The project will investigate:

- ▶ Computational techniques for dealing with large scale rapid deformations of the structure.
- ▶ Adaptive meshing using open source software.
- ▶ Classifying noise sources.