



**TÉCNICO**  
LISBOA

**PhD Defense  
in Naval Architecture  
and Marine Engineering**

by

***Anna Wnęk Martins***

**CFD Modelling of Hydrodynamic  
and Aerodynamic Forces in  
Manoeuvring Ships**

**Thursday, 30<sup>th</sup> November 2017**

**14:30h**

**Room Anf. PA-3 (Mathematics Building, 1<sup>st</sup> floor)**