LINCOLN

LINCOSIM
Web Training Description

LincoSim is a rich web platform for hull design based on the open source library OpenFOAM and accessible as a SaaS, developed in the framework of the LINCOLN H2020 project. Thanks to LincoSim, a designer may easily perform all the required steps related to the submission of advanced 3D RANS CFD model on an HPC cluster for a desired physical hull hydrodynamics problem without the necessity of being an expert on CFD nor on HPC infrastructure deployment. Therefore, it is possible to interactively evaluate different geometries for a given model in multiple fluid dynamics conditions (0 to 2 DoF). This training webinar will show the main features of the LincoSim platform, and describe how it was applied on selected industrial use cases.

Tuesday 10 September
h. 11:00-13:00
via GoToMeeting

Agenda:

· Introduction to LincoSim

· How to prepare and run a LincoSim simulation?

· How to analyze LincoSim-produced results?

· Some examples of LincoSim applied to LINCOLN demonstrators

· Conclusions and future evolution

Registration link: http://www.lincolnproject.eu/lincosim-training/