



Master on Numerical Methods in Engineering

ACCEPTANCE OF INTERNSHIP WORK PLAN

Name of the student	Rafael Pacheco Blazquez
Company/Institution/ Department	CIMNE/ Naval and Marine Engineering Group
Name of the external supervisor	Julio Garcia Espinosa
Start and end dates	01/03/2017 – 19/12/2017
Total number of hours	450

Topic: FiberShip – Composite FEM module.
Main tasks: <ul style="list-style-type: none">- Learn how to use Ramseries framework and Composite theory.- Analyze commercial composite software products.- Implement inside Ramseries framework, a solver for composite materials applied to a triangle shell element.- Create the framework to link Structural Health Monitoring tools to Ramseries.

Additional remarks:

Any change in the information contained in the internship agreement must be authorized by the local master coordinator.

Date: 19/12/2017

Student's signature

External supervisor's signature

Julio García-Espinosa

Internal advisor

Riccardo Rossi