



December 21, 2017

Dear Dr. Rossi:

I am writing this letter at the request of Rafael Pacheco Blazquez who has carried out an internship at the MARINE Group of CIMNE, within the program of the Master on Numerical Methods in Engineering, and under my supervision.

During the internship, Rafael has carried out the following tasks, as initially planned:

- Learn how to use the FEM analysis software Ramseries.
- Training on composite modelling theory.
- Analyze the capabilities of other 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..

Therefore, I would like to confirm that Rafael always performed satisfactorily during his internship with us, achieving all the set goals.

Sincerely yours,

Dr. Julio García-Espinosa

Associate Professor

Head of CIMNE MARINE

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