



Master on Numerical Methods in Engineering

ACCEPTANCE OF INTERNSHIP WORK PLAN

Name of the student	Saskia Loosveldt Tomàs
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Company/Institution/ Department	Universitat Politècnica de Catalunya
Name of the external supervisor	Pablo Saez
Start and end dates	1st June 2017 - 30th September 2017
Total number of hours	450

Topic: Finite elements
Main tasks: Adapt several finite element codes originally written in Matlab to Fortran, using external libraries to solve the system. The codes solve problems of different physics, both linear and nonlinear (flow and transport problems, elasticity) and different discretization methods have been implemented (CG, HDG).

Additional remarks:

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

Date:

Student's signature

External supervisor's signature

Internal advisor
Riccardo Rossi