CIMNE

Master on Numerical Methods in Engineering

ACCEPTANCE OF INTERNSHIP WORK PLAN

Name of the student	Lisandro Roldan

Company/Institution/ Department	LaCan
Name of the external supervisor	Pablo Saez
Start and end dates	
Total number of hours	450

Topic: A coupling procedure for the a convection-diffusion and a mechanical problem
Main tasks:
Familiarize with the mechanism of non-linear mechanics in the context of biomechanics and diffusion mechanisms in biology. Implement a mathematical model of diffusion and a constitutive law of continuum mechanics into a FEM framework. Couple both phenomena together which is of fundamental interest to many processes in biomechanics.

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

Date:

Student's signature   External
                             supervisor'signature   Antonia Larese