

## INTERSHIP REPORT

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This report is for the evaluation of the internship done by Lisandro Roldan to fulfill the requirements to obtain title of the Erasmus Mundus Master in Computational Mechanics. The internship has been performed at the LaCan at the Universitat Politecnica de Catalunya, under the direction of the myself, Dr. Pablo Saez.

Lisandro has done an excellent work. The proposed work was aimed to use models and codes developed during the master for real applications. He has used some convection-diffusion that he has been working on during the course of finite element in fluids. He has also developed a non-linear finite element code for hyperelastic materials as an effort to adopt work done during the courses to an application of interest for industry and biology. He has been entangled in his master thesis in a topic where he has used his current efforts into biological application. His skills in programing and continuum mechanics have increased remarkably during the time of the intership. I truly believe that the internship has been a good opportunity for Lisandro to get involved in research tasks and make his decision in his future in academia.

With kind regards,

Dr. Pablo Sáez