

## INTERSHIP REPORT

This report is for the evaluation of the internship done by Yuyang Wang 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. Saez.

Yuyang has done an excellent work adapting codes that he has been working on during the course of finite element in fluids. The work has been focused on coupling the stokes equation with convection diffusion equations. The problem is of interest for different field of engineering, from transport of contaminants to cell mechanics. He used previously developed software during his course assignments as well as other new approaches to create his own code. He made a nice work and he is expected to use some of his models to extend them for his master thesis. His skills in programing and in fluid mechanics have increased during this time. I truly believe that the internship has been a good opportunity for Yuyang to get involve in research tasks.

I can say that Yuyang has done a great work and of high value for his future academic commitments. He will continue his current work in the field of cell mechanics as part of his master thesis.

Kind regards,  
Dr. Saez