



JUAN PABLO PARRA MARTINEZ

From France to Sweden



Project: **The ECO2 multifunctional design paradigm and acoustic tailoring**

Research topic: **Engineering**

Swedish Institution: **KTH Royal Institute of Technology**

French Institution: **University of Le Mans**

Dates of mobility: **28/03/2015 to 05/04/2015**

Program: **SFVE-A (ex-ÖMSE)**



PRESENTATION

[Juan Pablo Parra Martinez](#) is a Researcher in Acoustics and Vibration at [RISE](#), specialized in numerical modelling and poroelastic media. At the time of the mobility, he carried out a co-tutored PhD between the [Centre for ECO2 Vehicle Design](#) at [KTH](#) and the [LAUM](#) Laboratory of Acoustics of the [University of Le Mans](#), supervised by [Prof. Peter Göransson](#) (KTH), [Prof. Olivier Dazel](#) (LAUM) and [Assc. Prof. Per Wennhage](#) (KTH).

ACTIVITIES IN SWEDEN

The main aim of the trip to Stockholm was for Martinez to defend his licentiate thesis in Vehicle and Maritime Engineering. It took place in the presence of Prof. Göransson (Sound and Vibration MWL [Laboratory Marcus Wallenberg](#)), Prof. Dazel, and [Dr. Jacques Cuenca](#) ([Siemens Ind. Soft.](#)), with the opponent [Prof. Franck Sgard](#) (Institut de Recherche Robert-Sauve en Santé et en Sécurité du Travail [IRSSST](#) in Québec). The occasion was also used to deepen collaborations between Prof. Dazel and Prof. Göransson, and the former also had discussions with [Susan Boij](#) (KTH), with whom he was co-authoring an article, and with [Ciaran O'Reilly](#) (KTH) on the [ICSV](#) International Congress on Sound and Vibration. The collaborations between the LAUM and MWL laboratories were solidified.