



JUAN PARRA

From Sweden to France



Project: **Acoustic and mechanics of poroelastic media**

Research topic: **Engineering**

Swedish Institution: **RISE, Research Institutes of Sweden**

French Institution: **Université Gustave Eiffel, Matelys**

Dates of mobility: **11/06/2022 to 19/06/2022**

Program: **SFVE-A (ex FRÖ)**



PRESENTATION

[Juan Parra](#) received his PhD degree as part of an international cotutelle agreement between the [Université Le Mans](#) (France) and [KTH](#) (Sweden). After a few years working as a consultant, he currently works as a researcher in acoustics and mechanics at [RISE, Research Institutes of Sweden](#). He is a Specialist in building acoustics, numerical methods, and acoustics of poroelastic media. He is also an invited lecturer at KTH on topics such as building acoustics and community noise.

ACTIVITIES IN FRANCE

Juan Parra's stay in France was divided in two parts to further develop two different research collaborations.

First, he met [Camille Perrot](#), Associate Professor of the [Modelling and Multi-Scale Simulation \(MSME\) Laboratory](#) at [Gustave Eiffel University](#), Marne-la-Vallée.

Then, he met the team of [Matelys](#) laboratory in Lyon, who were working on acoustics and thermodynamics.

To prepare the visit to Matelys laboratory, a day of preparation has taken place in Brussels. Juan Parra discussed with [Dr. Jacques Cuenca](#) ([Siemens](#)) and [Dr. Elena Shabalina](#) ([D&B Audio](#)) about the project "Modelling low-frequency propagation through crowds with poroelastic propagation models", one of the various topics of discussion with the Matelys laboratory.