



HITHESH KUMAR GATTY

From Sweden to France



Project: **Medical Electronics**

Research topic: **Medecine & Health**

Swedish Institution: **Uppsala University**

French Institution: **LAAS CNRS, Toulouse**

Dates of mobility: **23/09/2019 to 18/10/2019**

Program: **SFVE-A (ex FRÖ)**



PRESENTATION

[Hithesh K Gatty](#) is currently the Chief Executive Officer at [Gatty Instruments AB](#) that works on the research and development of MEMS-based sensors and actuators suitable for lung function and lung infection analysis. He is an engineer and a material scientist with an expertise in the development of microsensors. His research focuses on the design of devices that are used in the automotive, telecommunications, medical and aerospace industries. Previously, he was a researcher at [KTH](#), where he graduated 2015 with a PhD degree in micro and nano systems.

ACTIVITIES IN FRANCE

Hithesh K Gatty visited the [department of microelectromechanical systems](#) (MEMS) at [LAAS CNRS](#) in Toulouse. He had the opportunity to meet with many researchers such as [Christian Bergaud](#). They discussed a research work that describes novel micromechanical system (MEMS) based electrochemical gas sensors and methods of fabrication.

This visit prepared potential collaboration between the [CNRS](#) and [Uppsala University](#), in particular in the field of micro and nanotechnology.

Hithesh K Gatty has also held a seminar on his PhD and postdoctoral works at the CNRS in Toulouse.