



FRANÇOIS BONNETBLANC

From France to Sweden



Project: **Neurosurgery**

Research topic: **Medecine & Health**

Swedish Institution: **Karolinska Institutet**

French Institution: **Montpellier University**

Dates of mobility: **07/10/2018 to 09/10/2018**

Program: **SFVE-A (ex TOR)**



PRESENTATION

[François Bonnetblanc](#) is an Associate Professor in Neurosciences working at the Laboratory of Informatic, Robotic and Micro-electronics of Montpellier ([LIRMM](#)). Moreover, he works at the [INSERM U1093](#) in the research unit for Cognition, Action and Sensorimotor Plasticity at the [University of Burgundy](#) in Dijon. He is interested in motor control and relearning, neuroplasticity/functional rehabilitation, and awake surgery as well as in technologies of information and communication applied to health.

ACTIVITIES IN SWEDEN

François Bonnetblanc visited the [Karolinska Institute](#) in Stockholm and met there [Gaston Schechtmann](#). He exchanged experiences and data with his Swedish colleagues on awake surgery for tumours.

He had moreover the opportunity to attend an awake surgery of a patient with a tumour in the supplementary motor cortex. The Swedish and French teams are thus complementary since KI has a great amount and quality of data recorded during the surgeries whereas François Bonnetblanc's team has expertise on the treatment of this data.

Potential projects have been discussed, including exchanges of PhD students and data exchanges, in particular anatomic-functional mapping, and electrophysiological measurements during awake surgery.

Finally, he participated in a seminar entitled "Awake Surgery, the Naked Brain", where they highlighted that this type of surgeries allows medical professionals to make sure that essential functions such as vision and language remain intact.