



CÉLINE TOUBIN

From France to Sweden



Project: **Molecular Modelling**

Research topic: **Physics**

Swedish Institution: **Gothenburg University**

French Institution: **Lille University**

Dates of mobility: **21/05/2018 to 24/05/2018**

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



PRESENTATION

[Céline Toubin](#) is Associate Professor at the Laboratory of Physics of Lasers, Atoms and Molecules ([UMR 8523](#)) at [Lille University](#). She graduated 2001 with a PhD degree in Physics with a thesis entitled “Molecular Dynamics Studies of the Adsorption of Pollutants on Ice Surfaces” at [Franche-Comté University](#). Her research activities deal with molecular modelling of physical processes at the surface of ice or aerosols in connection with atmospheric and interstellar chemistry.

ACTIVITIES IN SWEDEN

Céline Toubin visited the [Department of Chemistry and Molecular Biology](#) at [Gothenburg University](#) and met with different researchers, including [Jan Petterson](#). They exchanged on their current research and discussed, among others, strategies of valorisation of their work and more specifically, of their common publication, in preparation, on the accommodation of water on a butanol film.

Moreover, the possibility of PhD student exchanges in the frame of their thesis supervision between Gothenburg and Lille has been discussed.

Céline Toubin had finally the opportunity to give a seminar entitled “Molecular Modelling of Atmospheric Particles: From Surface Organization to Reactivity” at the [Gothenburg Air and Climate Center \(GAC\)](#).