



**DENNIS ERIKSSON**

*From Sweden to France*



Project: **Mirror Symmetry**

Research topic: **Mathematics**

Swedish Institution: **Chalmers University**

French Institution: **Rennes University / Sorbonne University**

Dates of mobility: **02/06/2018 to 12/06/2018**

Program: **SFVE-A (ex FRÖ)**

## PRESENTATION

[Dennis Eriksson](#) is Associate Professor at [Chalmers University of Technology](#). His research interests include algebraic geometry, questions related to Arakelov geometry and arithmetic geometry in general. He graduated 2008 with a PhD degree in Mathematics with a thesis entitled “Lefschetz functorial formula and geometric applications” at [Université Paris-Sud](#).

## ACTIVITIES IN FRANCE

Dennis Eriksson had the opportunity to meet with Gerard Freixas Montplet from [Sorbonne University](#) and with [Christophe Mourougane](#) from [Rennes University](#).

The projects discussed concerned the study of secondary invariants in mirror symmetry. A potential publication of a scientific article has been thus mentioned during the visit of Denis Eriksson in France.