



MATIAS MARTINEZ

From France to Sweden



Project: **Software Engineering**

Research topic: **Informatics**

Swedish Institution: **KTH**

French Institution: **Université de Valenciennes/ CNRS**

Dates of mobility: **23/04/2018 to 27/04/2018**

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



PRESENTATION

[Matias Martinez](#) is a Software engineer and currently a researcher at the [Universitat Politècnica de Catalunya-BarcelonaTech](#). Previously he worked as an Associate Professor at [Université Polytechnique des Hauts-de-France](#). He obtained a PhD degree in Computer Science 2014 at the [University of Lille](#) with a thesis entitled Extraction and Analysis of Knowledge for Automatic Software Repair. His research interests include Automated Software Engineering, Software Testing, AI & ML, Green computing and Empirical Software Engineering.

ACTIVITIES IN SWEDEN

Matias Martinez met at [KTH](#) with several researchers, including [Martin Monperrus](#), [He Ye](#), Zhongxing Xu and [Zimin Chen](#).

They discussed several subjects including automatic software repair, overfitting of automatic software repair, automatic learning use, software repair tools and automatic learning applied to source code.

Matias Martinez prepared moreover with his Swedish colleagues an article on the automatic repair of the bugs of the Quixbugs dataset.

He participated finally in a laboratory seminar on an automated repair framework.