



MATIAS MARTINEZ

From France to Sweden



Project: **Software engineering**

Research topic: **Informatics**

Swedish Institution: **KTH**

French Institution: **Université Polytechnique des Hauts-de-France**

Dates of mobility: **05/05/2019 to 12/05/2019**

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 several researchers from the [KTH](#), the Royal Institute of Technology in Stockholm. He presented his work entitled “Coming: a tool for mining change pattern instances from git commits” at the Department of Software engineering where Professor [Martin Monperrus](#), [He YE](#) and Zhongxing Xu were working. Matias Martinez discussed with them ranking approaches and automatic learning of source code.

He had also the opportunity to meet with [Benoit Baudry](#) to discuss how research in Sweden and at the KTH works and which research topics are strategic for Sweden. He finally talked with [Zimin Chen](#) about the automatic repair of the software.