



MICHAEL SIOUTIS

From Sweden to France



Project: **Knowledge Representation & Reasoning**

Research topic: **Informatics**

Swedish Institution: **Örebro University**

French Institution: **Computer Science Research Institute of Lens**

Dates of mobility: **05/10/2018 to 19/10/2018**

Program: **SFVE-A (ex-FRÖ)**



PRESENTATION

[Michael Sioutis](#) is a Junior Professor of Hybrid Artificial Intelligence, affiliated with the [Faculty of Science](#) and the Laboratory of Computer Sciences, Robotics and Microelectronics ([LIRMM](#)) of the [University of Montpellier](#). Prior to that, he was a Research Fellow at the Faculty of Information Systems and Applied Computer Sciences ([WIAI](#)) of [Otto-Friedrich-University of Bamberg](#) from 2020 to 2022, a Postdoctoral Researcher at the [Department of Computer Science](#) of [Aalto University](#) in 2019, and a Postdoctoral Researcher at the Centre for Applied Autonomous Sensor Systems ([AASS](#)) at [Örebro University](#) in 2017 and 2018. He notably contributes to the interplay between knowledge representation and machine learning, and the development of an automated system of ontology-based and spatio-temporal reasoning compatible with heterogeneous information regarding elderly patients in their home. He obtained his [PhD](#) in Computer Science in 2017 from the [Artois University](#).

ACTIVITIES IN FRANCE

Michael Sioutis spent his visit to the Computer Science Research Institute of Lens ([CRIL](#)) working in the bureau visiteurs of the lab, accompanied by the co-director [Prof. Daniel le Berre](#). He met a range of people with whom he discussed collaborations in various fields of Artificial Intelligence, such as Logics, Data Mining, Constraint Programming, and Knowledge Representation and Reasoning. Michael Sioutis formally discussed among others a potential extension of a joint project on propositional satisfiability (SAT) with [Prof. Jean-Marie Lagniez](#), an idea on a new satisfiability modulo theory (SMT) approach with Prof. Lagniez and [Prof. Jean-François Condotta](#), a journal submission on consistencies for constraint programming (CP) with [CNRS Researcher Dr. Anastasia Paparrizou](#), and techniques for gradual itemset mining with Assoc. [Prof. Saïd Jabbour](#).

He also held a seminar on the topic of his ongoing research, attended by the scientific personnel and followed by fruitful discussions. Mutual exchanges of researchers between the labs were tabled.