



AYOUB BEN AMEUR

From France to Sweden



Project: **Edge computing**

Research topic: **Informatics**

Swedish Institution: **KTH Royal Institute of Technology**

French Institution: **Institut Polytechnique de Paris**

Dates of mobility: **01/02/2023 to 31/07/2023**

Program: **SFVE-A**



PRESENTATION

[Ayoub Ben Ameer](#) is a PhD candidate since 2020 at the [Institut Polytechnique de Paris](#). He is interested in smart distributed networks and edge computing, privileging purely data driven techniques such as Online Reinforcement Learning. His current research deals with multi-resource management in the multi-tenant edge environment.

ACTIVITIES IN SWEDEN

Ayoub Ben Ameer visited [KTH](#) carrying out research on pricing and resource allocation in Edge Computing under the guidance of [Prof. Tijani Chahed](#) and [Assoc. Prof. Andrea Araldo](#) from [Télécom SudParis](#), and [Prof. György Dán](#) from KTH. They worked on a conference paper and a research paper that was submitted to a reputed international conference ([IEEE INFOCOM](#)). Ameer was hosted by the division [NSE](#), that organised several seminars and workshops. During these events, he had fruitful discussions with [Dr. Ezzeldin Shereen](#), [Dr. Lamia Varawala](#), [Kim Hammar](#), [Seyedsaeed Razavikia](#) and [Oscar Stenhammar](#).

Throughout the mobility, he had access to state-of-the-art laboratories and equipment, allowing him to conduct experiments and collect data with the support of the KTH staff.