

# Post-doctoral position 01/01/2018-09/01/2018

**Title:** Modelling the state of a tramway driver

**Supervisor:** F. Delmotte (Full professor, Lgi2A, University of Artois)

**Project:** ELSAT 2020 by CISIT/ GS2RI : Greener & Safer Rail Road Interaction

## Position

Post-doctoral position at LGi2A, at Bethune, France , monthly gross salary: 2550€, for 8 months, followed by a full year depending on the results

## Mission

The GS2RI project aims at optimizing the relations and safety of multimodal systems involving cars, pedestrians and tramways into city's environments. In particular the LGi2A tries to refine models about the state of the tramway drivers in order to improve the overall safety of the multimodal system. The objective of the post-doctoral position are:

- To dig into a database in order to obtain models about the mental state of the drivers (tiredness for example)
- To realize several scientific publications in renown ranked journals,

• The project is undertaken by collaborating with other teams/ labs from the Hauts-de-France, and in particular with the LAMIH lab from the university of Valenciennes.

## Skills

PhD in Datamining, statistics, classification,

Matlab language is required, basic knowledge of the Python language is a perk

**Application:** send CV, PhD defense reports, articles and so on to

[francois.delmotte@univ-artois.fr](mailto:francois.delmotte@univ-artois.fr)

## Financiers

The ELSAT 2020 project is co-funded by the European Union with the European Regional Development fund, the Région Haut de France and the French state.

