



Permanent Research Position (Chargé de Recherche) « Statistical Learning & Data Mining for Smart and Connected Mobility »

Position Title:	Research Position in Traffic Data Mining or Machine Learning
Department:	Transport and Traffic Engineering Laboratory (LICIT) http://www.licit.ifsttar.fr Joint Research Unit Université de Lyon, ENTPE (www.entpe.fr) & IFSTAR (www.ifsttar.fr)
Location :	Lyon, France
Contact:	Nour Eddin El Faouzi, Head of LICIT, E-mail : nour-eddin.elfaouzi@ifsttar.fr

Position Summary

Applications are invited for a Permanent Research Position (Chargé de Recherche) in data Science to join the Traffic Engineering Laboratory (LICIT), part of Université de Lyon, located in Lyon (France), starting in September/October 2016. We are seeking a highly experienced data scientist to join our efforts to develop innovative next-generation algorithms for Smart and Connected Mobility. The candidate will take day-to-day responsibility for a vital aspect of our work and should have strong technical abilities combined with highly developed decision-making and problem-solving skills, ideally gained through extensive experience in academia. The ideal candidate will have expertise in Data Science and Data Mining research, such as extracting knowledge from mobility and traffic data to improve real time monitoring and short-term prediction tools for Smart Mobility and for other domains closely related to active research areas in the LICIT: Connected Vehicles, Traffic Modelling, Multimodal Traffic Information, Innovative Traffic Management, Short-term Prediction, Data Fusion.

Candidates must have a PhD in computer Science, Statistical Learning, Information Systems or a related field. The successful applicant will participate in research, training and teaching activities in the field of data mining and statistics both at graduate and Master levels.

Minimum Qualification

- A relevant Doctorate Degree in Computer Science, Statistics or Machine Learning.
- At least 2 years experience in Machine Learning, Data Mining, Pattern Recognition, Statistical Modelling Research with publication Records.
- A commitment to teaching at the graduate level
- Good written and oral communication skills and
- Knowledge of Deep Learning, Data Visualisation and High Performance Computing is a plus.

Instructions to Applicants: *Interested candidates must submit a CV, a research Statement with a summary of research and teaching interests, and a list of three references. All questions regarding this position can also be directed to Prof. Nour-Eddin EL FAOUZI at nour-eddin.elfaouzi@ifsttar.fr*

*The position must go through the normal appointment process with the closing date is:
March 25th 2016*