

Two PhD positions are open at University of Bourgogne Franche Comté (DRIVE Laboratory, Nevers, France)

PhD position 1

- **Title:** Advanced Artificial Intelligence for detecting V2X Slicing Attacks
- **PhD location:** This PhD will take place in the premises of DRIVE Lab in Nevers Magny-Cours (Bourgogne Franche Comté, France), in cooperation with the University of Luxembourg (UniLu).
- **PhD funding:** 3 years contract. This work will be done in the context of 5G-INSIGHT (Intelligent orchestrated security and privacy-aware slicing for 5G and beyond vehicular networks), an international ANR research project between France and Luxembourg.
- **Expected starting date:** September/October 2021.
- **Keywords:** 5G Vehicular Networks, Network Slicing, Security and Privacy, Edge-Computing, Software Defined Networking (SDN), Virtual Network Function (VNF) Advanced machine learning.
- **Expected Profile:** Candidates should own a Master (M.Sc.) or Engineer (B.Sc.) degree in Computer science or Telecoms.
- **How to Apply:** The following documents are required (CV, Motivation letter, transcripts of University transcripts and reference letters). Send them, before **mid june 2021**, as attachments of an email, whose subject will be "Application for PhD position 1 5G-INSIGHT", which must be addressed to Sidi Mohammed Senouci (sidi-mohammed.senouci@u-bourgogne.fr) & Abdelwahab Boualouache (abdelwahab.boualouache@uni.lu).

PhD position 2

- **Title:** Technological solutions for continuous and secure 5G connectivity of a UAV-based urban freight transport system
- **PhD location:** This PhD will take place in the premises of DRIVE Lab in Nevers Magny-Cours (Bourgogne Franche Comté, France), in cooperation with the Université Gustave Eiffel (UGE).
- **PhD funding:** 3 years contract. This work will be done in the context of scholarship funded by Région BFC and UGE.
- **Expected starting date:** September/October 2021.
- **Keywords:** Public transport, UAV, logistics, 5G, cyber security, optimization, energy.
- **Expected Profile:** Candidates should own a Master (M.Sc.) or Engineer (B.Sc.) degree in Computer science or Telecoms.
- **How to Apply:** The following documents are required (CV, Motivation letter, transcripts of University transcripts and reference letters). Send them, before **mid june 2021**, as attachments of an email, whose subject will be "Application for PhD position 3 DelivAir", which must be addressed to Sidi Mohammed Senouci (sidi-mohammed.senouci@u-bourgogne.fr) & Marion Berbineau (marion.berbineau@univ-eiffel.fr).