

Post-doctoral Position in Physical Internet and Smart cities for sustainable urban logistics

Location: Centre de Gestion Scientifique (CGS), MINES ParisTech, PSL University, Paris, France

Contract: 6 to 18 months

Expected starting date: as soon as possible

Keywords: Physical Internet, Smart cities, Urban Freight, Optimisation, Simulation

Context and Subjects: The post-doctoral position is available at CGS, MINES ParisTech, supported by the Physical Internet Chair. As a postdoc, you will mainly contribute to the research work focusing on *the development of Physical Internet (PI) and its application to smart cities and city logistics*. Within this research theme, we are particularly interested in the following questions:

- Application of PI in the context of Smart cities, and assess the potential for sustainable city logistics;
- Innovative technologies and techniques promoting the application of PI in city logistics. Especially, the chair is in collaboration with industrial partners to study the use of data and IoT platforms (eg. *Thing'in* by Orange Lab) for sustainable city logistics;
- PI-enabled multi-echelon and shared distribution network, data and IoT driven decision making;

The final subject can be decided in accordance with the candidate's profile. As a postdoc, you will also work with the team on several research projects, and in collaboration with the industrial and academic partners of the chair. You will also participate in other relevant activities, e.g. meetings, seminars, conferences. High level scientific publications are sought during the post-doc period.

Skills and Experience: The applicants should have PhD degree. He/She should have solid knowledge of logistics and supply chain management, and of optimisation or simulation approaches. It is a plus if he/she has experience with the following software: *MATLAB, Mathematica, Anylogic, ILOG CPLEX*.

To Apply

The applicants should send by e-mail a **single PDF file** to eric.ballot@mines-paristech.fr and shenle.pan@mines-paristech.fr. The file should include:

- i) cover letter describing background and motivation
- ii) CV
- iii) 3 most important publications

Please contact us via the mail above for any further information or question you may have.

For More Information

PSL University: www.univ-psl.fr

MINES ParisTech: www.mines-paristech.fr

Centre de Gestion Scientifique: www.cgs.mines-paristech.fr

Physical Internet Chair: www.cip.mines-paristech.fr

