Post-doctoral Position in
Logistics Service Innovation in Physical Internet

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, Logistics Service Innovation, Intermediary, Digital marketplace.

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 *logistics service development and innovation in Physical Internet (PI)*. PI is an new disruptive paradigm in logistics and SCM, concerning the seamless interconnection and interoperability among heterogeneous logistics networks and parties. It is foreseeable that the paradigm will foster innovations in logistics service, and in new business models for logistics intermediaries and marketplaces. We are particularly interested in the following questions:

- Interoperable and collaborative protocol design for decentralised logistics network, especially for transport and inventory management;
- Digital freight transport platform design, and the customer relationship and behaviour management through serious gaming approach;
- New business models and decision making tools for logistics intermediaries and marketplaces in PI.

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