JOB DESCRIPTION

POSITION : Doctoral Student in Smart City Logistics

LOCATIONS : KEDGE Business School (Campus de Bordeaux, France) & Kühne Logistics University (KLU) (Hamburg, Germany)

Kedge Business School (France) is created in 2013 as an outcome of a high-profile merger between two leading business schools BEM and EUROMED. Kedge is accredited AACSB, EQUIS and AMBA and is the leader in research among French management schools with about 100 articles published per year. Within Kedge, the Center of Excellence in Supply Chain Innovation and Transportation' (CESIT) mission is to be a collaborative platform for research and training in supply chain innovation. It aims at developing research on new methods, techniques and concepts of organisation and decision making in the areas of Supply Chain Management (SCM). It also disseminates research in tools and innovative approaches in SCM and offers training in new concepts and strategies for SCM. The CESIT develop programmes such as ISLI Master in SCM for students and executive managers.

Kühne Logistics University (KLU) is an independent, state-accredited private university based in the HafenCity of Hamburg in Germany and sponsored by the non-profit Kühne Foundation. The KLU currently offers Master and Bachelor programs in Global Logistics and Management, and an Executive MBA program. The 2014 Handelsblatt research ranking of management faculties ranks KLU among the top five universities in Germany, Austria and Switzerland. With its 23 professors the KLU covers a wide portfolio of fields in the area of logistics and management.

Work Duties :

The successful candidate will have the opportunity to collaborate with Prof. Walid Klibi of the CESIT-KEDGE Business School and Prof. Jan Fransoo of the KLU, and be hosted by both schools.

The position involves the conduct of research on innovative business models of logistics activities in urban areas in link with organisations and research centers involved in smart city projects. It also implies the publication of the output of the research in academic and professional journals. More specifically, the research will mainly focus on smart city logistics with the development of data-driven optimization and simulation models that help designing better urban distribution networks. The PhD candidate will lead prospective innovations in urban logistics in link with the concepts of IoT, digitalization, IA & analytics, etc. Among the duties of the PhD candidate is gathering and analysing data from the partnering organizations, designing and developing a modelling framework, and running experiments and simulations. The student could be invited to spend some time within the partnering organizations or research centres.

Admission requirements :

Applicants should hold a Master of Science (or equivalent), and have a background in Supply Chain Management or Industrial Engineering. Skills and research experience in areas such as Supply Chain Modelling, Network Design, Discrete Simulation, Operations Research and Data Science would be advantageous. Individuals in any field of Supply Chain research are encouraged to apply. We are

particularly seeking those with interests and experience in urban logistics. The applicants should have excellent English communication skills (TOEFL or IELTS) and be willing to travel abroad.

The position has a duration of 4 years and can start September 2018 or later on. The PhD candidate can expect comprehensive support for conducting research. This includes close supervision, involvement in active research groups, participating in external PhD courses and academic schools. The successful candidate will receive a scholarship of 1,688 EUR gross per month and funding for research visits and international conferences.

All applications should be sent directly as a pdf via email to Prof. Klibi (walid.klibi@kedgebs.com) and Prof. Fransoo (Jan.Fransoo@the-klu.org). The application should include a CV detailing educational background and research experience, a cover letter explaining the candidate suitability for the position, and copies of grade transcripts (including High School, Bachelor, and Master's/Diploma). Contact information for references and letters of recommendation are also welcomed. Consideration of candidates will take place as applications come in and will continue until the positions are filled.