

JOINT KU LEUVEN - SKEMA DOCTORAL PROGRAM IN AI & OR

Call for a Ph.D. position in Operations Research: theory and applications (PHD-ORTA-2022)

SKEMA Business School (France) and KU Leuven Faculty of Business Economics (Belgium) have a vacancy for one full-time Ph.D. scholarship starting in September 2022, for a period of four years. The researcher to be hired will work in the field of Operations Research under the supervision of Dr. Bernardo Pagnoncelli and Dr. Hande Yaman. This work should lead to a Ph.D. degree granted by KU Leuven and SKEMA (SKEMA-KUL Joint Degree doctoral program "AI in OM"). Some research keywords are:

- Stochastic programming
- Mixed-integer programming
- Algorithm design
- Data-driven optimization

The candidate will work on the development of models and algorithms at the interface of optimization with areas such as transportation, finance, energy, logistics and scheduling, among others. He/she will find a dynamic and pleasant working environment in both universities, in groups that are actively involved in scientific research at the highest international level.

The candidate will be expected to participate in seminars and conferences, be internationally mobile, and enroll in both institutes' Ph.D. programs. The candidate can be asked to give guidance to Bachelor and Master students, and to be involved in teaching activities.

The candidate should have a strong interest in OR and its diverse applications. He/she should preferably hold a Master's degree in Operations Research, Business Engineering, Applied Mathematics, Computer Science, Industrial Engineering, or equivalent. An appropriate command of written and spoken English is a requirement, and experience with at least one programming language is an asset. Students that are currently in the final year of their Masters are especially encouraged to apply.

We offer employment as a full-time doctoral scholarship for 1 year at KU Leuven, followed by 3-year employment at SKEMA Business School (provided that the candidate successfully passes first-year requirements at KU Leuven). The tentative starting date is September 2022, depending on the availability of the candidate. For more information: Dr. Bernardo Pagnoncelli, mail: bernardo.pagnoncelli@skema.edu or Dr. Hande Yaman, mail: hande.yaman@kuleuven.be.

You can apply for this job no later than **March 25th, 2022** via email address skemakul2022@skema.edu or through the [KU Leuven Jobsite](#). Applications via any other way will not be considered. In the subject of the email, the applicant must indicate the acronym "PHD-ORTA-2022". When applying, you must upload your transcripts, two recommendation letters, motivation letter and CV in pdf format. In the motivation letter, you should specifically indicate why you are the right person for the vacant position. You can also upload a publication list, photo, and/or other attachments.

SKEMA and KU Leuven are committed to equity and diversity within their communities and value academic rigor and excellence. We welcome and encourage applications from all qualified candidates, regardless of gender, age, cultural background, nationality, or impairments. If you have any questions relating to accessibility or support, please contact us at diversiteit.HR@kuleuven.be.

