

JOINT KU LEUVEN - SKEMA DOCTORAL PROGRAM IN AI & OR

Call for a Ph.D. position in Operations Research (PHD-OR-2022)

SKEMA Business school (France) in collaboration with the Faculty of Economics and Business of KU Leuven (Belgium) has one full-time Ph.D. position 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 [Prof. Dr. Morteza Davari](#) and [Prof. Dr. Jannik Matuschke](#). He/She will obtain a Ph.D. degree jointly awarded by the Faculty of Economics and Business of KU Leuven and SKEMA Business School.

Our research interests are in *Combinatorial Optimization*, in particular the design and analysis of *algorithms for network and scheduling problems*. Our methodology includes:

- Linear and Integer Programming
- Stochastic and Robust Optimization
- Approximation Algorithms
- Algorithmic Game Theory

The candidate will work on research questions related to these areas. 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. programmes. 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 mathematics, computer science, operations research, with a recently completed (or soon-to-be-completed) master's degree in one of these fields or a related field. Graduation with honors in preliminary studies is a requirement, as well as an appropriate command of written and spoken English. A strong background in Combinatorial Optimization and the methodology mentioned above is appreciated, and experience with at least one programming language is an asset.

We offer a full-time doctoral scholarship for 1 year at KU Leuven, followed by 3-year scholarship 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, please contact [Prof. Dr. Morteza Davari](#) and [Prof. Dr. Jannik Matuschke](#) via email addresses: morteza.davari@skema.edu and jannik.matuschke@kuleuven.be.

You can apply for this job no later than **March 25th, 2022** via email address skemaku12022@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-OR-2022)". When applying, include a motivation letter, a detailed CV, language certificates, transcripts, and contact details of at least two references. The motivation letter 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.

