

Postdoc research expert Stochastic Optimization and Simulation in Manufacturing

ABOUT GHENT UNIVERSITY

Ghent University is a world of its own. Employing more than 8,000 people, it is actively involved in education and research, management and administration, as well as technical and social service provision on a daily basis. It is one of the largest, most exciting employers in the area and offers great career opportunities. With its 11 faculties and more than 80 departments offering state-of-the-art study programmes grounded in research in a wide range of academic fields, Ghent University is a logical choice for its staff and students.

YOUR TASKS

The research group Industrial Systems Engineering (ISyE) wants to extend one of its main research tracks (i.e. Stochastic Optimization and Simulation) further. In close cooperation with the involved professors, the new staff member will coordinate and develop research projects in this area, with a focus on manufacturing. Besides managing and executing the current project portfolio, he/she will also be responsible of getting new projects funded to continue and even scale up the research activities in the lab of UGent@Flanders Make.

As a research expert, you will:

- * Take the initiative to maintain and document a research roadmap for the next 10 years together with the involved professors
- * Perform and coordinate research activities in the running projects
- * Coordinate and support young (doctoral) researchers in the team
- * Develop new research proposals in close collaboration with the involved professors and industry partners, for funding in Flanders via FWO, VLAIO, Flanders Make, ...; as well as via federal and European institutions (Made in Europe, ...)
- * Build and maintain a network of research experts and industrial partners on the topic
- * Publish your research results in high quality international journals
- * Validate and demonstrate research results on state-of-the-art lab infrastructure

WHAT WE ARE LOOKING FOR

- * You hold a doctoral degree in Industrial Engineering, Operations Research, computer science engineering, mathematical informatics, business engineering, or equivalent. For diplomas awarded outside the European Union, a certificate of equivalence (NARIC) must be submitted. The degree requirements need to be fulfilled at the start of your appointment
- * You have conducted research in the domains of Industrial Engineering and Operations Research
- * Proficient speaking and writing skills in English
- * Excellent team player, able to interact with research teams both in the academic and the industrial sphere
- * Good grant-writing capabilities, capacity to raise research funds in an independent way
- * Being able to work accurately and to meet deadlines
- * Previous collaboration with manufacturing companies is a plus
- * Opportunity to be involved in academic education through lecturing courses and guiding thesis students (if desired/preferred)

WHAT WE CAN OFFER YOU

- * We offer you a contract of indefinite duration.
- * Your contract will start on 01/03/2022 at the earliest.
- * Your remuneration will be determined by salary scale PD1 to PD4. Click on the following link for more information about our salary scales: <https://www.ugent.be/en/work/talent/welcoming-new-staff/salariescales/wpwm.htm>
- * All Ghent University staff members enjoy a number of benefits, such as a wide range of training and education opportunities, 36 days of holiday leave (on an annual basis for a full-time job) supplemented by annual fixed bridge days, a bicycle allowance and eco vouchers.

INTERESTED?

Apply online through the e-recruitment system before the application deadline (February 28). We do not accept late applications or applications that are not submitted through the online system.

Your application must include the following documents:

- * In the field 'CV': your CV and an overview of your study results (merged into one pdf file)
- * In the field 'Cover letter': your application letter in pdf format
- * In the field 'Diploma': a transcript of the required degree (if already in your possession). If you have a foreign diploma in a language other than our national languages (Dutch, French or German) or English, please add a translation in one of the mentioned languages.

Note that the maximum file size for each field is 10 MB.

As Ghent University maintains an equal opportunities and diversity policy, everyone is encouraged to apply for this position.

MORE INFORMATION

For more information about this vacancy, please contact Prof. Dieter Claeys (Dieter.Claeys@UGent.be) or Prof. E.-H. Aghezzaf (ElHoussaine.Aghezzaf@UGent.be). Important: do NOT send your application by email, but apply online, via the following link:

https://career012.successfactors.eu/career?company=C0000956575P&career_job_req_id=22352&career_ns=job_listing&navBarLevel=JOB_SEARCH