Research engineer Computer Graphics & AR/VR (Leuven, Kortrijk or Lommel)

As a research engineer you conduct application-oriented research into the workplace of the future. You integrate augmented reality technology into the production process of Flemish companies.

Flanders Make performs research into the workplace of the future where the operator is supported cognitively by the latest multimedia applications (smart glasses, projection, smart displays) and physically by collaborative robots. Items addressed include e.g. dynamic work instructions and training using virtual and augmented reality.

Function

As an expert in augmented reality:
- You work together in a team which combines expertise in the organisation of the “Workplace of the Future” with collaborative robots;
- With the team you figure out a system approach to connect a broad range of problems for the design of the workplace where you focus on augmented reality;
- You implement the augmented reality technology in demonstrators and real life applications;
- You work together with the partners in the industry and universities and the research engineers in our sites in Lommel and Leuven;
- Actively trace and present industrial challenges and research opportunities.

Profile

You have:

- A master or PhD in a relevant domain;
- At least 5 years of experience in research or industry;
- Reliable expertise in augmented reality;
- Interest and competence to work together in a multidisciplinary team and with partners in the industry and universities;
- Relevant experience in technology projects for real-life applications.

You are:

- Passionate about research and new technologies;
- A listening ear for industrial needs;
- A team player who can build sustainable relationships with all the partners and colleagues;
- Empathic and interested in the operators and their wellbeing;
- Eager to learn.
Working with experts

- Flanders Make offers you the opportunity to develop yourself in a network of top industry players, universities and research institutes;
- An energetic, flexible and challenging working environment;
- A warm and open-minded atmosphere;
- Top colleagues that are expert in their domains opening doors for fruitful collaborations and learning;
- An attractive salary with fringe benefits;

Depending on your place of residence or preference, you can work on one of our sites (flexible workplace policy).

Flanders Make

*Flanders Make* is the strategic research centre for the manufacturing industry. From our sites in **Lommel**, **Leuven** and **Kortrijk**, we stimulate open innovation through excellent research.

Our purpose: realising a top-level research network in Flanders that delivers full support to the innovation projects of manufacturing companies. This way, we want to contribute to new products and production processes that help to realise the vehicles, machines and factories of the future.

Because of our unique position between industry and research, our teams combine application and system proficiency with technological and scientific knowledge.

We focus on 4 key competences, all based on **modelling and virtualisation**:  
1. Decision & Control  
2. Design and optimisation  
3. Motion product specification, architecture, and validation  
4. Flexible assembly specification, architecture, and validation

This *Animation movie* illustrates how Flanders Make sees operators functioning in the factory of the future, working side by side with cobots, and autonomous mobile robots.  
https://www.youtube.com/watch?v=HHSAhXoaVKU

Take a look at **Our research and our projects**:  

How to apply:

To apply, go to [http://jobs.flandersmake.be](http://jobs.flandersmake.be).  
Please fill in the online application form and upload a motivation letter and cv.