

VACANCY JOB DESCRIPTION

Elsyca (www.elsyca.com) is a Computer Aided Engineering (CAE) based software and service provider, founded in 1997 as a spin-off from the Vrije Universiteit Brussel. Elsyca develops pioneering software for the design, modelling, and optimization of applications in a wide range of electrochemical processes, ranging from electrochemical surface finishing (e.g. plating, anodizing, e-coating), over corrosion risk mitigation towards cathodic protection of buried and submerged structures. With this software and related services, Elsyca serves a worldwide range of OEM and Tier 1 companies in the Oil & Gas, Aerospace Automotive and Medical industries.

The Elsyca RTD department enables the further development of Elsyca's high-end software and services in order to be applied to novel high-tech applications, as for example the electropolishing of 3D printed metal parts. Elsyca RTD participates in several strategic Horizon 2020 projects on novel cutting-edge applications with an often game changing ecological impact, involving renowned industrial and academic partners from all over the EU.

For the further expansion of its Research & Technology Development team, Elsyca is searching for an:

RTD Engineer

Description

The successful candidate will be part of the RTD team and will be involved in Elsyca's RTD projects in the field of electrochemical surface finishing and corrosion mitigation.

His / her work will include:

- ✓ Project data gathering
- ✓ Literature search for evaluating the state-of-art with respect to project scope
- ✓ Define and plan Elsyca research activities in different project work packages
- ✓ Execute research activities, evaluate results with a critical mindset and redefine or adjust research activities where necessary
- ✓ Create and run simulation models in various Elsyca software environments
- ✓ Compile RTD project reports and other project deliverables
- ✓ Communicate with other project partners

He / she will also communicate with the Elsyca IT department on model extensions and software implementations to be made within the scope of ongoing R&D project deliverables and validate these model extensions. As an RTD engineer, he / she will report to the R&D project managers in charge of the respective projects.



Location

This position is to be filled at Elsyca headquarters, located in Wijgmaal, Leuven.

Profile

The ideal candidate will have:

- ✓ MS or PhD in Chemical, Electrochemical or Electrical Engineering
- ✓ Experience with numerical methods in general
- ✓ Experience with computer modeling of electrochemical applications is an asset
- ✓ Excellent problem-solving and communication skills
- ✓ Fluent English, knowledge of German, French and Dutch is favorable
- ✓ Be able to work in a structured manner
- ✓ Available to travel

Offer

Elsyca offers a challenging and varied job content in an international environment. The successful candidate will be part of a dynamic and growing company with international activities and ambitions. Attractive remuneration package, in line with experience and contribution.

We are on an exciting journey with a big growth agenda and we have an inspiring plan how to reach our goals. If you want to be part of something big, this could be the right challenge for you!

You can apply by sending your resume to info@elsyca.com

