

Fraunhofer-Chalmers Centre for Industrial Mathematics (FCC) is the Swedish node of the largest applied research organization in Europe, Fraunhofer-Gesellschaft, and conducts research based on advanced mathematics and simulation to support efficient product realization and optimize production processes for companies in several branches. Our software platform IPS is daily used by hundreds of engineers at more than 100 leading companies across the world.

We have an open position for a talented

Computational Engineer / Development Engineer

About us

FCC's department for computational engineering is performing state-of-the-art applied research and development on numerical methods and algorithms for simulation of fluid dynamics, particles, structural mechanics, electromagnetics, and multiphysics. Our vision is to increase the use of advanced simulation in industry and the research is integrated in user-friendly software that offer unique possibilities for virtual product and process development. We are located in modern premises at the Chalmers Science Park, campus Johanneberg, Gothenburg, Sweden.

The position

You will be part of a team of applied researchers and engineers who all are committed to solving challenging problems with big customer impact. You will use and further develop our in-house software tools in industrial and public projects, with the possibility to cooperate with both software developers and customers, in an international environment. Since our work is project-based this position could at a later stage be transferred into a project leader role for the right person.

Your profile

You have a Master of Science or PhD in computational engineering, applied mathematics, engineering physics, applied mechanics or other relevant area. You have a genuine interest in mathematical modeling and simulation, and good or excellent programming skills. Past experience of CFD and multiphysics simulation, industrial projects or software development are meritorious. You have excellent communication skills in written and spoken English. You are an ambitious team player who are able to work independently and meet deadlines.

Interested?

Welcome to submit your electronic application including cover letter, CV, course grades, and other relevant documents no later than **February 14** to: comp-recruit@fcc.chalmers.se

Note that evaluation of applications and interviews will take place continuously during the application period and you need to have a valid work permit for the European Union to apply.

For questions about the position, please contact head of department Fredrik Edelvik, comp-recruit@fcc.chalmers.se, +46(0)730794220