

Senior Fluid Dynamics Expert – Aerodynamics / Aeroacoustics

Faurecia Creo AB (former Creo Dynamics) supports the Automotive and Aeronautics sectors with high level of expertise and innovation within the fields of Aerodynamics, Acoustics and Smart structures.

Our innovative experts in Aerodynamics and Aeroacoustics participate in challenging projects together with our clients and research organizations. Our assignments within these fields are now growing rapidly, and we need to strengthen our Fluid Dynamics team in Linköping or Stockholm:

Field of activity:

- Advanced Aerodynamics & Aeroacoustics
- Aeronautics & Aerospace, Automotive, Motorsport, Heavy Vehicles
- Research program at national and European level
- CFD Methodology & Process development
- Support to product development
- High Performance Computing & Scientific programming
- Optimization tools, data analysis & machine learning

Profile:

- Ph.D. / M.Sc. degree towards aerodynamics or aeroacoustics
- Minimum 5 years' experience as CFD engineer in the industry or in the academia, preferably within automotive or aeronautics.
- Required experience in:
 - Complete CFD process from CAD model preparation to presentation
 - Opensource and commercial CFD software OpenFOAM, Star-CCM+...
 - Scientific computing / Programming in i.e. C++, Python / Data processing i.e. Matlab
 - High Performance Computing on Linux architectures
- Desired experience in e.g.:
 - GPU-based CFD solvers, Lattice-Boltzmann, Multi-phase, soiling
 - FSI / Structural Dynamics / NVH and Acoustics
 - Other industries outside Aerospace and Automotive

Personal:

- Both leadership as well as hands-on in projects
- Ability to deal with clients in an efficient and friendly manner
- Independent workstyle, goal oriented, communicative, team player
- Willingness to travel globally, primarily Europe

Since we are always seeking for increased diversity in our team, we would encourage female applicants.

Location: Linköping or Stockholm, Sweden

Languages: Fluent in technical/business English – written/spoken, Swedish a plus

We are looking forward receiving your application including meaningful documents, preferable per mail to our CEO magnus.titus@creodynamics.com or our Fluid Dynamics Business Area Manager guillaume.mercier@creodynamics.com