



**CNH Industrial** CNH Industrial is a global leader in the capital goods sector that, through its various businesses, designs, produces and sells agricultural and construction equipment, trucks, commercial vehicles, buses and specialty vehicles, in addition to a broad portfolio of powertrain applications. Across its 12 brands, 64 manufacturing plants, 49 research and development centers and a workforce of more than 70'000 people, CNH Industrial is present in 180 countries giving it a unique competitive position.

**FPT Motorenforschung AG** in Arbon has around 250 highly qualified employees working with commitment and acknowledged success. Our activities: all aspects of engine research and development, particularly diesel engines with direct injection and aftertreatment systems for road vehicles and off-road applications. Investing in the future and providing new jobs, we are looking for a

## **Total System Performance Simulation Engineer (f/m)**

As part of the performance simulations team, you will be using 1D simulation tools to deliver solutions to complex problems ranging from single component optimisation to complete system behaviour. You will be working within a team to support innovation and drive future products.

### **Your tasks**

- You will work in an international team of experienced engineers to support current products as well as driving future technology.
- You can quickly understand the engineering principles behind novel concepts and apply the physics to 1D simulation.
- You will be required to collaborate closely with other internal teams such as testing as well as external bodies, i.e. suppliers or universities.
- You can produce clearly written reports and present results to management.

### **Your profile**

- You have minimum a university degree in mechanical engineering, preferably with higher masters or doctorate qualifications.
- You have a deep understanding of thermo fluids and energy processes
- You have experience in 1D simulation, preferably relating to internal combustion engines, with tools such as GTSuite.
- You are an excellent team player but also a motivated self-starter.
- You have excellent English or German communication skills (spoken and written), some Italian skills desirable.

### **Interested?**

For further information please contact our Leader of Basic Technologies, Mr. P. Scarth, Tel. +41-71-44 77 271. Please send your application to Human Resources: [recruitment.arbon@cnhind.com](mailto:recruitment.arbon@cnhind.com)

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