



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 more than 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 after-treatment systems for road vehicles and off-road applications. Investing in the future and providing new jobs, we are looking for a

Development Engineer for Simulation, Modelling and Controls of Diesel Engine and After-Treatment Systems

Your tasks

- Development of concepts for model-based controls of Diesel engine and after-treatment systems
- Modelling of Diesel engine and after-treatment systems for the usage in SiL/HiL/MiL-environments
- Development of model-based calibration strategies for existing and new ECU algorithms
- Management (planning, coordination and execution) of measurement campaigns at the engine test benches and vehicles

Your profile

- Graduate engineer, preferably PhD, in the field of mechanical engineering with profound knowledge in the fields of model-based controls, modelling, simulation, and optimisation
- Experience with modelling and controls of diesel engines and after-treatment systems
- Professional programming skills, especially with Matlab/Simulink. Experience with ID-simulation tools such as GT-Power or Axisuite is beneficial
- You have very good English skills (spoken and written), some German and Italian skills desirable
- You are a highly motivated self-starter and team-player with very good communication skills

Interested?

For further information please contact our team leader Mr. O. Chinellato – Tel. 071 44 77 319. Please send your application to Human Resources: recruitment.arbon@cnhind.com

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Welcome to a world of opportunities.
Welcome to CNH Industrial.