



Iveco Group N.V.
Corporate Seat: Amsterdam,
the Netherlands
Chamber of Commerce
Registration no.
83102701

Iveco Group (MI: IVG) is a global automotive leader active in the Commercial & Specialty Vehicles, Powertrain, and related Financial Services arenas. Each of its eight brands is a major force in its specific business: IVECO, a pioneering commercial vehicles brand that designs, manufactures, and markets heavy, medium, and light-duty trucks; FPT Industrial, a global leader in a vast array of advanced powertrain technologies in the agriculture, construction, marine, power generation, and commercial vehicles sectors; IVECO BUS and HEULIEZ, mass-transit and premium bus and coach brands; Iveco Defence Vehicles, for highly-specialised defence and civil protection equipment; ASTRA, a leader in large-scale heavy-duty quarry and construction vehicles; Magirus, the industry-reputed firefighting vehicle and equipment manufacturer; and IVECO CAPITAL, the financing arm which supports them all. Iveco Group employs approximately 34,000 people around the world and has 28 manufacturing plants and 29 R&D centres.

FPT Motorenforschung AG in Arbon has around 250 highly qualified employees working with commitment and acknowledged success. As the main innovation center for FPT Industrial, the site is involved in developing future powertrain solutions (not only in electrified powertrains, hybrids and fuel cells, but also novel engines concepts and alternative fuels) and is therefore at the forefront of a transition towards a future of alternative propulsion systems.

We would like to fill the following position as soon as possible:

Battery Systems Engineer

Your tasks

- Work on electrical design of heavy-duty battery systems
- Contribute to systems engineering for heavy-duty xEV applications
- Scout, evaluate or design electrical and electromechanical battery components
- Assist requirements capture and architecture design
- Lead commissioning, integration and test activities
- Supervise the building and testing of prototype battery systems
- Liaise with customers to capture requirements and provide systems level support and training
- Work closely with the software, mechanical and electronics teams on integration tasks

Your profile

- Electric/Electronic/Systems engineering background and understanding of the development lifecycle for safety critical applications
- Automotive experience, including HV applications and ISO26262
- MATLAB/Simulink/SPICE development capable
- Experience of embedded control systems

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- Ability to take a hands-on, methodical approach to testing, fault finding and commissioning of systems
- Self-motivated and keen to be involved at all stages of development
- B2 in English, A1 in German
- Experience in HV Battery design and validation as well as in Battery Management System are nice to have

What we offer

- Swissmem member
- Attractive employment conditions with good social security benefits
- Flexible working hours with block times (flexi-time model)
- 40-hour week with at least 5 weeks of vacation and 1 week compensable time (Vorholzeit)
- Home Office possibility
- Training opportunities
- An open-minded corporate culture with international teams
- Flat hierarchies and informal culture
- Regular employee events
- Special discounts from various suppliers and on car purchases
- Free parking for our employees

Interested?

Please send your application to recruitment.arbon@ivecogroup.com

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www.fpt-motorenforschung.ch