



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 Cell Test Engineer

As a member of the Battery Validation Team you will be part of a highly skilled team driven to design and engineer best-in-class battery modules, packs and systems for FPT Industrial electrified powertrain product portfolio. You will work in a collaborative and multidisciplinary team environment, contributing to the development of advanced concepts as well as their implementation for application to on-road vehicles and non-road applications.

Your tasks

- Defining and coordinating cell characterization and benchmarking tests taking place in Arbon, Switzerland and other facilities.
- Collaboration with algorithm development and battery modelling teams to derive cell parameters and derive optimal treatment of cells in various applications
- Plan and supervise tests on rigs (components) and test benches
- Communicate results through presentations and clear documentation
- Assisting on battery modelling
- Coordinate with external test laboratories and research institutes.

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- Connect the organization to the latest cell technology developments and trends in industry, also monitoring market and competitors' product portfolio
- Informing data analysts on interpretation of battery data to maximise effectiveness

Your profile

Basic Qualifications:

- Professional or university education MSc degree in electrochemistry
- Proven record of accomplishment in testing and research of battery cells
- Strong attention to detail in both experimental setups and data analysis
- Very good understanding of advanced cell characterization techniques: GITT, HPPC, ARC, etc.
- Able to document and communicate results according to target group
- Able to read and digest battery research papers effectively
- Highly motivated and accurate working self-starter
- Willing to constantly learn
- Willing to interact in a multinational environment
- English language C1, written and spoken
- Experience in product development processes

Preferred Qualifications:

- 3 years working experience in a relevant field.
- Expertise in MATLAB
- Experience with DVP (Design Validation Plans), ISO 6469, IEC 62620, and other relevant battery standards
- Fluency in German or Italian language, written and spoken
- Experience working with sensor equipment (pressure, temperature, voltage, current, gas, etc.)

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, depending on position
- 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 in English to recruitment.arbon@ivecogroup.com

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