



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 29 manufacturing plants and 31 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:

Team Leader – Fuel Cell Systems Engineering

As the team leader of Fuel Cell Systems in the Electrified Powertrain Engineering division of FPT Industrial, you will lead and be part of a highly skilled team driven to develop best-in-class Fuel Cell systems for FPT Industrial electrified powertrain product portfolio. You will work in a collaborative team environment. You will be contributing to the development of advanced concepts as well as their implementation for application to on-road vehicles and non-road applications.

Electrified powertrain includes electrified engines, electrified transmissions, battery, fuel cell powertrains and their controls.

Your tasks

- Line management, technical guidance, leadership and motivation of Fuel Cell Systems engineering team
- Build and maintain technical competency in the engineering team, determining open skills/engineering capacity gaps and finding resolution
- Build and maintain technical relationship with Fuel Cell Systems and components vendors
- Working in a multidisciplinary team, develop and deliver best-in-class Fuel Cell System designs for FPT Industrial electrified powertrain product portfolio
- Develop product development plan, milestones, budgets, and scheduling
- Develop design verification test plans, safety and standards compliance test plans



- Lead specification of Fuel Cell Systems and components requirements including performance, mechanical and structural characteristics, thermal management and electrical/mechanical interfaces
- Lead FC Systems architecture definition and development, system and component modelling
- Lead FC Systems control design and algorithms development
- Lead FC Systems failure mode effect analysis and develop safety risks mitigation strategies
- Specify infrastructure requirements according to product roadmap and advise in investment or outsource test activities
- Connect the organization to the latest technology developments and trends in industry, also monitoring market and competitors' product portfolio
- Develop roadmaps for future projects and products to continuously advance FPT Fuel Cell solutions performance
- Supplier management when and where necessary
- Collaborate closely with various internal departments and external laboratories and universities

Your profile

Basic Qualifications:

- You have a university degree in relevant engineering discipline
- 10+ years experience in Fuel Cell technology and its systems integration
- Hands on experience on development of FC Systems and their verification
- Thorough understanding of Fuel Cell components supply chain, and system level manufacturing/integration processes
- Strong understanding of PEM Fuel Cell chemistry and technology. Understanding of SOFC technology is an asset.
- Cross-domain (electrochemical, thermal, electrical, electronics, structural) technical knowledge. Able to provide technical guidance to team members on what, why, and how
- Experience with safety critical electronic product development for automotive/commercial vehicle electrified applications
- Experience with FMEA, DVP, ISO 26262 and relevant automotive/commercial vehicle standards
- Experience in leading a high-performance engineering team
- Strong managerial, planning, and communication skills
- You have good English skills (spoken and written)
- You are a highly motivated self-starter and team-player with very good communication skills and you have the ability to manage multiple tasks

Preferred Qualifications:

- Strong Fuel Cell Stacks and Systems knowledge
- Strong technical understanding of FC technologies
- Strong technical understanding of hydrogen storage, hydrogen and air path, FC DCDC converters, electrical isolation, selection of electrical components (fuses, contactors, service disconnect), mechanical components like compressors
- Component to system level modelling and simulation experience
- You could communicate in Italian and/or German



Interested?

Please apply through LinkedIn:

<https://www.linkedin.com/jobs/search/?currentJobId=2879638183&keywords=iveco%20group>

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