

Imperix is a young and dynamic Swiss company, founded in 2013 and located in Sion.

The company commercializes prototyping equipment for power electronics, electric drives, smart grids and related topics. Its products are designed to accelerate the implementation of laboratory-scale power converters and facilitate the derivation of high-quality experimental results.

Typical customers are world-class universities and industries that have a strong focus on research and intend to validate power converter control techniques.



POWER ELECTRONICS ENGINEER

Contract type Long-term contract (CDI)

From Immediately

YOUR JOB

Imperix is seeking to reinforce its team with an experienced engineer who can tackle advanced control problems and contribute to projects of increasing size and complexity. As both a project manager and an engineer, you will focus on customer-oriented projects and will be involved with various control implementations (software), be it for control upgrades, test benches, application examples or other subcontracted control designs.

The addressed converter topologies will range from thyristor-based rectifiers to modular multilevel converters, going through resonant converters or other modern converter structures. Typical applications also vary broadly from motor drives to PV or energy storage systems, going through microgrids and wireless power transfer systems.

RESPONSIBILITIES AND MAIN DUTIES

- Lead and execute the development of various control implementations
- Contribute to technical sales and project scheduling (with customers)
- Undertake the role of project manager and assume all related tasks
- Coordinate with the R&D team for planning and release management
- Write technical and/or commercial documentation (English)

REQUIREMENTS AND QUALIFICATIONS

Education and experience MSc or PhD in electrical engineering (or similar).

Seniority Mid-senior to Senior. Relevant experience in power electronics required.

Language Excellent written communication skills in English. Ease with French (spoken and written). As of today, the main working language at imperix is (still) French.

THIS POSITION WILL SUIT YOU IF

- You are seeking to address state-of-the-art control applications on a daily basis
- You are a down-the-earth person with a natural focus on bringing effective solutions but you are nonetheless familiar with “trendy” theoretical academic research topics
- You are looking for a position giving place and granting value to your initiatives

If you feel like working with us, please send us your CV along with a cover letter explaining your motivations and what you would bring to the team. Email correspondence should be addressed to jobs@imperix.ch.

Deadline for application : Sep. 30th 2019