



**EBG MedAustron GmbH** in Wiener Neustadt operates one of the most modern centers for particle therapy and research in Europe. Cancer patients are treated with an innovative form of radiation therapy with protons and carbon ions. In addition to cancer treatment the facility is also used for translational research.

Our Power Converters, Magnets and Infrastructure (PCMI) team is responsible for the design, installation, commissioning, debugging and upgrade of power converters, magnets and related infrastructure.

**Become part of the Power Converters, Magnets and Infrastructure team as a**

## **Power Electronics Engineer (f/m/x)**

**full-time (40 hours weekly)**

**Challenges** you conquer:

Be responsible for power converters of a proton/carbon particle accelerator facility, which involves:

- Life-cycle management for power converters
- Defining of requirements and related test procedures
- Participating in the design and/or assembling of new power converts
- Procurement of components and follow-up with suppliers
- Responsibility for unit acceptance tests and creation of test reports as well as technical documentation
- Participating in the installation and commissioning into the particle accelerator
- Simulating and analysis of electronic system
- Contributing to the digital control regulation (FPGA/DSP)
- Supporting and training our operation and service teams

- Contributing to the integration and testing, which requires work outside normal business hours up to appr. 20% and on-call duty

**A background** that impresses:

- Technical university degree in electronic engineering or similar
- A minimum of 3 years of occupational experience in electronic engineering
- Ideally experience in power electronics (renewable sources, railways, electrical automotive) and/or Matlab and Simulink
- Knowledge on normal conducting magnets and/or VHDL and C programming is an asset
- Fluent in verbal and written communication in English. German is an advantage
- You are a problem solver that is driven by a systematic approach and keeps the overview over different tasks
- Team work is as important to you as a proactive and flexible mindset
- Coordination skills and producing good documentation complete your profile
- Willing to fulfill work outside normal business hours, on-call support and to do business trips inside and outside of Europe

**A unique offer** that inspires:



For the advertised position we offer a gross annual salary from € 44.000,-- (on a full-time basis) with the possibility of overpayment, depending on professional qualifications and experience.

Further information on EBG MedAustron GmbH, our benefits and what matters to us can be found [here](#)

**You are the right person for this job?**

Take the next step in your career and send us your application via our online application-tool.

