



## Who we are:

**EBG MedAustron** is a cancer treatment and research centre in Wiener Neustadt that is unique in Austria. MedAustron uses ion therapy, an innovative form of radiation therapy, in the fight against cancer.

We offer a unique working environment built around the particle accelerator used for therapy and research with protons and carbon ions. We have set ourselves the goal of prolonging the lives of cancer patients and improving their quality of life.

As an **Accelerator Physicist**, you will play a central role in our specialised Accelerator Concept, Design and Commissioning Group and **have the unique opportunity to work directly on particle accelerators**. Your varied tasks will range from beam commissioning of our accelerators to the design and development of new accelerators and the creation of test cases and requirements. You will **work in a meaningful environment where your expertise will contribute directly to the further development of our technology and ultimately to improving the quality of life of our patients**.

Share our spirit and become part of our "Accelerator Concept, Design & Commissioning" - group as an

## Accelerator Physicist (f/m/x)



EBG MedAustron



Wiener Neustadt



unlimited



Full-time / 40h



immediately

## A job where you can make a difference:

- Perform beam commissioning of our accelerators
- Contribute to the design and engineering of new accelerators
- Perform simulations and data analysis
- Participate in the risk analysis of the accelerators with a focus on beam behavior and support in the creation of test cases and requirements
- Provide expert level support for our Operations & Service Department (on-call) and participate in debugging and quality assurance tasks

## Skills that make you our strength:

- Completed academic studies (Master, DI or PhD) in physics or similar
- Professional experience in accelerator physics, ideally in (medical) synchrotron-based facilities is desirable
- Expertise in longitudinal beam dynamics is a great asset
- Fluency in verbal and written English; German is an advantage
- Programming languages such as Python is advantageous
- Knowledge of XSuite / MAD-X is an advantage
- Solid MS Office knowledge
- Willingness to work on call (up to 10 days per year)
- Willingness to work in shifts (up to 100% of working time during commissioning of new accelerators)
- Analytical skills and an affinity for facts and figures
- You are a flexible person with an independent and structured approach to work



Flexible working hours



Mobile working



MedAustron discount card



Education and training



Workplace health promotion



Mobile phones and notebooks  
for employees



Good transport  
connections



Gourmet food offer



Parking spot

For legal reasons, we are obliged to point out that the minimum gross annual salary for this position is € 46,200 with a willingness to pay above the standard rate, depending on professional qualifications and experience.

Further information on MedAustron, our benefits and what matters to us can be found [here](#). Our corporate videos offer further interesting insights.

**Ready to join our team as an Accelerator Physicist and make a difference in the lives of cancer patients?**

Take the next step in your career and send us your application documents using our online application tool.

EBG MedAustron is committed to equal treatment and diversity. We welcome applications from all qualified people.

Apply now

