We are looking for a:

Clinical proton physics scientist / Innovation Physicist

(32 - 36 hours/week)

For this position we are looking for a candidate working on improving proton therapy for all indications treated at our clinic, leading or participating in clinical implementation projects for advanced proton treatment planning, motion mitigation techniques and machine learning segmentation and planning. The position is embedded in the proton physics team and its goal is to implement innovative projects and ideas in clinical routine. The compact proton physics team consists of medical physicists, medical (software) engineers and innovation physicists and it's embedded in the Maastro proton team of radiation oncologists, radiation therapists and IT-specialists. Projects focus on strategic goals of Maastro centered around advanced radiotherapy (proton therapy and delivered dose-guided adaptive RT), automation (e.g. automatic radiotherapy planning and segmentation) and imaging (surface tracking and breath-hold, dual-energy CT and synthetic CT).

We are looking for a committed and ambitious candidate who can work well in a team, but is also able to work independently on the individual projects for which he/she will be responsible. You have:

- a PhD-degree in Physics, (Bio)medical engineering, Technical Medicine or similar;
- at least four years of working experience in a medical physics field;
- experience with imaging and/or protontherapy or radiotherapy is a plus;
- an interest in innovative technology to be applied in clinical practice;
- knowledge in analyzing medical problems and designing innovative solutions;
- a natural interest in researching and learning new techniques, adapting them to meet project requirements;
- demonstrating advanced skills and knowledge of programming; experience with Python, MATLAB; Monte Carlo codes is a plus;
- fluency in English (oral as well as written);
- proficieny in Dutch (B1-level) or willingness to learn (language courses facilitated);
- excellent communication skills.

We offer you a pleasant and dynamic working environment in a multidisciplinary team, with many learning opportunities. You will receive a contract for 32 – 36 hours (by your choice) for an initial period of one year, which in case of a successful evaluation can be extended to a permanent contract. The Collective Labor Agreement for Hospitals (CAO Ziekenhuizen) applies. Your salary will be according to the salary scale FWG 60 (min. € 3.736,-, max. € 5.473,- gross/month on fulltime basis), depending on relevant work experience. Furthermore, you will receive a 8.33% holiday allowance and 8.33% end-of-year bonus. We invest in development of people and as such offer a wide range of options for personal development including hard- and soft skills courses. We invest in the employability and vitality of our employees and as part of this offer discounts on for example

sport subscriptions. Applicants from abroad may qualify for the advantageous 30% tax rule. In case a residence/work permit is required, our HR department will assist with the application.

Further information about this position will be gladly provided by dr. Mirko Unipan, manager proton physics, by calling our general phonenumber +31 (0) 88 – 44 55 600.

Interested in this position? You can apply until February 21st 2024 by uploading your motivation letter and curriculum vitae on our website www.maastro.nl (tab jobs & academy).

About Maastro: The internationally acclaimed state-of-the-art radiotherapy institute Maastro in Maastricht delivers cancer care in the Limburg region of the Netherlands, aiming to cure patients while preventing side effects of the provided treatments. With about 370 employees, we contribute to this endeavor; not only in patientcare, but also in research and business operations. Maastro is a state-of-the-art clinic with the latest imaging and radiotherapy equipment, being one of the three Dutch centers treating patients with proton therapy. Furthermore, we have well-established research groups and we work closely with Maastricht University and Maastricht University Hospital (MUMC+) in the fields of education, clinical and pre-clinical research. Does working in a dynamic and innovative organization appeal to you? Check our website www.maastro.nl and get in touch with us.