

medPhoton GmbH – based in the heart of Salzburg, Austria - is a young, innovative and international operating company. We provide **hardware medical devices for X-Ray and CBCT imaging** (e.g. the ImagingRing System). Additionally we also offer comprehensive OEM and end user **medical software for image acquisition, reconstruction, visualization, processing (such as image registration / segmentation) and robotic in-room workflow control** in radiation therapy to our worldwide business and research partners (e.g. Accuray Inc, Mevion, Pronova Solutions, MGH Hospital Boston, Maastricht Clinics, Creatis, MedAustron and many more). In our **“imaging core” division**, we are continuously developing new x-ray-based innovative solutions (hardware, software) and extending our existing products while establishing an exceptional knowledgebase within our company.

We are currently seeking to hire:

X-Ray/ (Cone-Beam) Computed Tomography imaging expert (f/m)

as a fulltime member of our team.

Main tasks within the imaging core division, depending on your detailed profile, are:

- System characterization / phenomenological description of effects in x-ray imaging and CBCT reconstruction
- Continuous x-ray-based imaging calibration pipeline enhancements and commissioning of medPhoton devices
- Prototyping, development and testing of software filters and components for the x-ray and CBCT reconstruction imaging chain
- Help to shape new innovations of our imaging technology (e.g. 4D, iterative reconstruction, new artefact suppression technologies) in workshops, experiments, discussions and daily work life

What we expect:

- Innovation spirit and commitment to the exciting field of medical x-ray imaging, image reconstruction and image processing
- Good physics understanding of x-ray technology and CBCT / CT reconstruction
- Capability to prototype and develop software for x-ray image calibration and reconstruction algorithms for use in medical products (C++, Matlab or similar)
- Ideally longer-term research or business experience in x-ray / (CB)CT imaging
- German skills are a plus, but not necessarily required

What you can expect:

- An exciting job, rich in variety, in a young, experienced and focused team
- An environment which grows you an expert in x-ray imaging technology
- Competitive salary and intermediate-term option for employee benefits
- Business travel opportunities to scientific conference and worldwide customer sites (e.g. particle therapy facilities) enabling you to get a deep insight into the medical application of our products and field
- Flexible working times

The salary on offer for this position is in the range of € 2.207,88 per month (14 times a year). (Higher salaries available depending on the entry qualifications).

If we drew your interest, please apply by sending a motivation letter and your CV to Mag. Anita Wienerroither at **office@medphoton.at**.