



Senior Ion Trap Fabrication Engineer (f/m/div)*

Job description

Are you looking for a new challenge, eager to make quantum computing a reality? Then this is the right job for you! As an ion trap fabrication engineer, you will join our highly motivated international team realizing of our costumers' and academic partners' trapped-ion quantum processors. To that end, you will be responsible for process integration of ion traps at our fabrication facility in Villach. Don't miss out this chance and apply now!

In your new job you will:

- Take **ownership for co-design and fabrication of ion traps** for our customers
- **Develop new integration schemes and process blocks** for ion trap technology
- **Support the quality and reliability of Infineon ion traps** by defining control concepts for inline process control, device screening and component verification
- Be responsible for **research projects with academic partners**
- **Supervise master and PhD students**

With this position you will be entering the „technical ladder“: our career path for experts. You will be able to focus deeply on technology – while further pursuing your career. As you continually expand your expert knowledge, puzzle over matters and solve problems, you will position yourself as a thought leader – thus helping our products improve our world a bit more each day.

Profile

Your specialty is the combination of working accurately and maintaining a high degree of flexibility. Furthermore, you bring a structured, efficient working style and know how to independently prioritize accordingly. With your hands-on mentality and your team player mindset, you know how to establish lasting relationships and networks with colleagues and costumers.

You are best equipped for this task if you:

- Are a **highly motivated** individual who wants quantum computing to become a reality
- Have a **PhD in physics, electrical engineering, material science** or similar
- Have already gained **first experience in semiconductor manufacturing, process integration or trapped-ion quantum computing**
- Are **fluent in English and German**

We offer competitive salaries and additional benefits based on your performance, experience and qualification. The employment is in accordance with the collective

At a glance

Location: **Villach (Austria)**
Job ID: **321358**
Start date: **immediately**
Entry level: **3-5 years**
Type: **Full time**
Contract: **Permanent**

Apply to this position online by following the URL and entering the Job ID in our job search:

Job ID: **321358**
www.infineon.com/jobs

Contact

Mag. Elisabeth Koestenbauer
Talent Attraction Manager



salary and wage agreement for employees of the electrical and electronics industry, employment group G-H (<https://www.feei.at/wp-content/uploads/2021/04/minimum-salaries-white-collar-workers-2021.pdf>). The monthly salary is paid 14 times p.a. We offer a higher compensation depending on your expertise and skills.

