

Process Engineer (any gender) 20-40h

Semiconductor Microfabrication

Klosterneuburg, Austria



We are looking for a Process Engineer (any gender) who will join our team in Klosterneuburg, Austria. You will be working with our production and R&D team in the cleanroom, producing Crystalline Mirrors. Your work will span from standard production tasks to challenging customized products. You will be part of an international production team based in Santa Barbara, California and Austria. Our production team is located at IST (Austrian Institute of Science and Technology) in Klosterneuburg. You will be involved in solving production challenges and planning to meet customer and internal deadlines. You will be working with suppliers and be responsible for our inventory. Ideally you have some experience in working in a lab or cleanroom environment, are eager to learn something new and are able to adapt to new challenges quickly. Our team will teach you everything you need to know on the job.

Your tasks:

- Semiconductor-based micro- and nanofabrication processes (e.g. wafer bonding, optical lithography, wet-chemical etching, thin film deposition, quality inspection and characterization)
- Continuous optimization of our proprietary crystalline coating process
- Development and use of custom fabrication tools
- Participation in production planning
- Production of standard Crystalline Mirrors

Your profile:

- Austrian technical high school degree (HTL), or similar qualification or experience
- Some knowledge of semiconductor materials
- Specific expertise in III-V and silicon micro- and nanofabrication processes is a plus, but not required
- Interest in working in a cleanroom environment
- Fast learner
- Precise working style
- Good communication skills in German and English
- Strong organizational skills
- Creative in thinking of new solutions
- Strong motivation to work in a fast-moving startup environment

Who we are:

CMS is a spin-off of the University of Vienna and the Vienna Center for Quantum Science and Technology. CMS was established in Vienna, Austria in 2013 and has since expanded to Santa Barbara, California. Single-crystal semiconductor supermirrors are a proprietary technology pioneered by CMS and protected by international patents. The application space of our novel coating technology spans optical components for ultraprecise optical clocks, precision interferometry, spectroscopy, as well as solutions for thermal management in high-power lasers and laser machining systems. In addition to the 2017 Prism Award for Materials and Coatings, CMS has received a number of high-profile technology awards such as the Leibinger Innovation Award and the AMA Innovation Award, as well as various national and international start-up prizes. Our production is located at IST Austria, 25 min. away from Wien Heiligenstadt with the IST Shuttle bus.

What we offer:

- Chance to grow with the company and the role
- Working in a young and diverse environment
- Small and highly motivated teams in the US and Europe
- Flat hierarchies, fast decision-making processes
- Industry competitive wages and benefits
- Family friendly workplace

We are flexible regarding full-time or part-time (at least 20h/week), but require flexibility from our part-time team members, since some processes in the cleanroom take a whole day.

Please send your CV and a cover letter to Aurélie Franzke: hr@crystallinemirrors.com

Find more information about Crystalline Mirror Solutions on our website: www.crystallinemirrors.com

We are looking forward to your application and to learning more about you.

Please submit your application no later than **March 20, 2019**. The ideal start date is **May 1, 2019**.

Posting statement: All qualified applicants will receive consideration for employment without regard to race, color, religion, religious creed, sex, national origin, ancestry, age, physical or mental disability, medical condition, genetic information, military and veteran status, marital status, pregnancy, gender, gender expression, gender identity, sexual orientation, or any other characteristic protected by local law, regulation, or ordinance...

Compensation: The offered compensation package includes a total annual gross fixed cash compensation of at least € 30.000 (equals € 2142,86/month paid 14 times, working time 40h/week) with the will to overpay due to additional qualifications and skills. The employment contract will be a local Austrian contract. Our salary packages are competitive and take individual qualifications and experience into consideration.

