

R&D Process Engineer

Photonic Integrated Circuit: Process Development and Manufacturing (f/m/d) 80-100%

Broaden your integrated optics horizon at Polariton Technologies



Polariton Technologies is a young start-up coming out of ETH Zurich developing cutting-edge devices for optical communications. We are about to launch our first product based on a novel electro-optic modulator. We enable customers to send data with unprecedented speed and quality. Join our team and work closely together with Claudia, Eva, Benedikt, Patrick, and Wolfgang developing the next generations of our products.

Your job includes

- Develop photonic integrated circuit micro- and nano-fabrication processes.
- Participate in design of the PICs in collaboration with the R&D team.
- Define and execute in-house processing techniques for production.
- Closely collaborate with external foundries, suppliers, and partners.
- Participate in characterization and verification process.

As an ideal candidate, you have

- Engineering degree, physics laboratory assistant or similar.
- Experience in nanofabrication of integrated optics or electronics.
- Good understanding of general concepts in physics, especially in optics.
- Curiosity and strong communication skills.
- Ability to independently interface vendors and other third parties.

Your benefits

- Grow with a dedicated and dynamic team in a start-up work environment.
- Contribute to innovative technology development and create new products.
- Strengthen your technology and communication skills.
- Enjoy the opportunities given by state-of-the-art cleanroom facilities.

Your application

If you are interested in working with us, please send your application (motivation letter, CV without photo) to Wolfgang Heni: join@polariton.ch

Starting time: after negotiation

Location: Säumerstrasse 4, 8803 Rüslikon