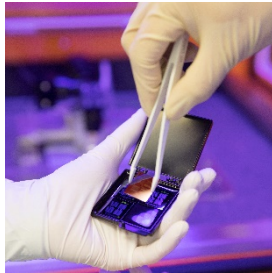


R&D Design Engineer Photonic Integrated Circuits (f/m/d) 80-100%

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

- Design, develop and simulate photonic integrated circuits.
- Translate device operational specifications into layouts.
- Verify the device performance, iterating the model as required.
- Develop in-house building blocks and Polariton's Process Design Kit (PDK).
- Closely collaborate with the R&D and product development team to bring first products to the market.

As an ideal candidate, you have

- Bachelor/Master degree in engineering, physics, or similar.
- Experience in electrical and/or optical field simulations, device design and code-based mask layout is a plus.
- Strong communication and interpersonal skills.

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, communication, and leadership skills.
- See your ideas being implemented: from idea and simulation into a product.

Your application

If you are interested in working with us, please send your application (motivation letter, CV) to Wolfgang Heni: join@polariton.ch

Starting time: after negotiation

Location: ETH Zurich, RSA, Säumerstrasse 4, 8803 Rüschlikon