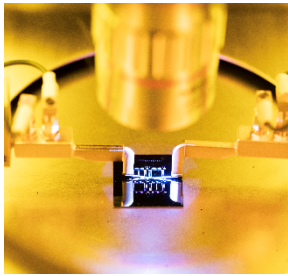


Master Thesis / Internship

Photonic Integrated Circuits: Reliability Testing (f/m/d)

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 our R&D team, developing the next generations of our products.

Your job includes

- Hands-on optical and electrical characterization of plasmonic modulators
- Explore the limits of plasmonic modulators
 - Thermal and environmental influences
 - High power laser, RF and DC signals
- Identify and confirm reliability requirements

As an ideal candidate, you have

- A bachelor degree in an engineering science, physics, or similar
- Good understanding of optics and/or electronics
- Highly motivated contributing to the development of a high-tech products

Your learnings

- Grow with a dedicated and dynamic team in a start-up work environment
- Contribute to innovative technology development and to new products
- Work on cutting-edge integrated optics, strengthen your technology skills

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: Säumerstrasse 4, 8803 Rüslikon