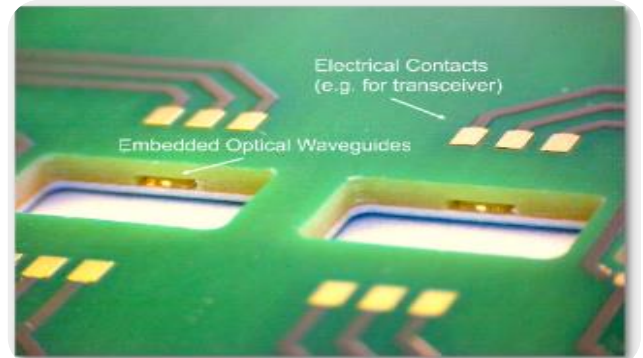


Internship / BSc. / MSc. Thesis

Design and construction of measuring adapters

- Full-time / Part-time
- Duration: 3 – 6 months

vario-optics is a leading manufacturer of planar polymer waveguides. Based on its singlemode and multimode platforms, a variety of photonic systems can be manufactured.



The goal of this project is to develop and manufacture a measuring adapter to be used with specific waveguide boards currently produced in series. The measuring adapter shall be used to perform board-specific measurements, replacing individual characterization works.

Tasks include:

- Identification of suitable boards and measurement technology
- Development of a dedicated concept and design for a measuring adapter
- Creation of CAD drawings and rapid prototype samples for first tests
- Evaluation of performance and reliability of measurements

Your Profile:

- Background in mechanical engineering, electronics and similar
- Experience with common CAD tools and mechanical simulation software
- Experience in mechanical construction or fiber optics is a plus
- Motivated to solve technical challenges
- Independent, careful and reliable
- Good communication skills

Our Offer:

- Opportunity to gain experience in high-tech industry
- Hands-on experience with optical systems and technologies
- Working in a dynamic startup environment