

RhySearch is the leading Research and Innovation Center in Switzerland in the fields of High and Ultra-precision Manufacturing and Optical Coating. With our equipment, as well as our specialized measurement technology, we are unique in Switzerland. RhySearch is a public-law company based in Buchs SG. For the Optical Coating and Characterization Lab, we are offering a position for a

## Bachelor or Master Thesis in ALD Coating Technology

### Topic Selection:

- Development of innovative coatings using ALD technology (Atomic Layer Deposition)
  - PFAS-free hydrophobic coatings
  - Porous materials with low refractive indices for anti-reflective coatings
  - Optimization of protective layers and nanolaminates for optical applications

### Your Tasks:

- Working on an innovation and research topic
- Conduct experiments in our coating laboratory
- Characterize and analyze your experiments
- Identify and implement improved processes

### Your Profile:

- Interest in coating technologies and optics
- Bachelor's or Master's studies in a relevant field (e.g., Materials Science, Physics, Chemistry, Photonics)
- Affinity towards hands-on work in the laboratory
- Independent, structured personality with team spirit

### We Offer:

- Exciting topic for a Bachelor's or Master's thesis
- Close supervision and support from experienced scientists
- Interdisciplinary work in a dynamic research team
- Practical insights into applied research using state-of-the-art technology

### Timeframe:

- Start date and flexible working conditions by agreement

Are you interested in any one of these topics? We look forward to receiving your application! Submit your questions today to Heidi Thomé, Head of Optical Coating and Characterization Lab, T. 081 755 49 66, [heidi.thome@rhysearch.ch](mailto:heidi.thome@rhysearch.ch) or apply directly to Danijela Djordjevic, Head of Finance and Human Resources [danijela.djordjevic@rhysearch.ch](mailto:danijela.djordjevic@rhysearch.ch)