

Student/Internship

Ultra Short Pulse Lasers / Measurement of Nonlinear Optics

BATOP GmbH is a world leading manufacturer of saturable absorber mirrors. This non-linear optical semiconductor device is used mainly for mode locking of ultra short pulse lasers. For our research and development of saturable absorber mirrors, we are looking for an Intern. Time and supervision will provided to write an internship report. The topic can also be extended to a master thesis.

Job Description

- Responsible for the redesign and development of a test site of saturable absorber mirrors using an Ultra Short Pulse Laser
- Extension of the test site for damage threshold measurements of non-linear optical devices
- Measurement software redesign using LabView
- Damage measurements of saturable absorber mirrors

Qualifications:

- Basic qualification: Bachelor's Degree in Optics, Electronics, Science or a related technical degree
- Knowledge of optics and/or software development

Please send your application to: info@batop.de

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