



As a technology leader in high average power ultrafast laser systems AMPHOS provides products for innovative industrial and scientific applications worldwide. AMPHOS is a member of the TRUMPF Group since 2018 and currently employs 60 people at the factory in Herzogenrath

# High Power Laser Scientist

## Your Tasks

- Set-up of highpower ultrafast laser systems for scientific applications.
- Development of cutting edge laser technology.
- Design of optical setups such as compressors, OPCPA systems and telescopes.
- Responsible project management for customer projects.
- Working with international technology experts in ultrafast science facilities.
- Installation of laser systems worldwide.

## What You should bring

- Diploma, Master or PhD degree in physics or laser engineering.
- Hands-on lab experience in developing and setting up high power laser systems.
- Knowledge in beam characterization (e.g.  $M^2$ , autocorrelation, spectrum, power).
- Broad theoretical understanding of laser physics.
- Software skills: PYTHON, MS-OFFICE.
- High-level analytic and problem-solving skills.
- Identify and analyze problems, propose and execute solutions.
- Must be able to work with minimal direct supervision.
- Travel experience worldwide.



If you are interested in working within an innovative environment, a supportive team and room for individual development send your application to [hr@amphos.de](mailto:hr@amphos.de).