Abacus Laser GmbH | Hannah-Vogt-Str.1 | 37085 Göttingen, Germany

Göttingen, 11.05.2020

Job advertisement

Abacus Laser based in Göttingen (central Germany) develops, manufactures, and distributes modern wind lidar modules (laser radars for wind measurement). The laser technology involved is being researched in-house by Abacus Laser. These modules are used, for instance, in atmospheric research and in the wind energy sector.

For more information on us you may visit the following website: http://abacus-laser.com/

We are seeking candidates for an upcoming third-party funded research project to investigate new lidar technologies for offshore wind farms:

Physicist or engineer in the field of laser research (laser physicist)

Role and Responsibilities:

- Research into novel solid-state and fibre lasers, especially thulium and holmium doped lasers
- Testing and optimising such lasers in wind lidar demonstrators
- Active contribution to the design and project planning
- Testing and evaluation of the lidar modules, both in the laboratory and in the field application
- Cooperation and communication with project partners and customers

Requirements:

- University degree in physics or an equivalent subject, preferably with a master's degree or PhD
- Knowledge in laser physics
- Experience in the development of lasers, especially with diode-pumped solid-state lasers and/or fibre lasers
- Of advantage, but not a requirement, is experience with thulium and holmium lasers
- Prior experience in the field of wind lidar is also beneficial
- An analytical mind, a distinct willingness to innovate and problem-solving skills
- Curiosity, commitment, and flexibility
- Ability to work in a team and empathy

Why work for us?

We offer the opportunity to work in an innovative and motivated team on state-of-the-art, environmentally friendly technology.

We are an organisation in which appreciation, respect, and an honest and open approach to each other form the basis. Employees' opinions and views are an important part of this structure and include the fact that decisions are both discussed and made within the team. We create an appealing working atmosphere and are open to flexible time management and other personal preferences. In this way, we believe that everyone can reach their full potential and contribute tremendously to the company.

Now, does that sound like something you would like to do? In that case, we kindly ask you to send us a brief letter of motivation, your curriculum vitae, list of publications and relevant references as soon as possible, but no later than 14 June 2020:

jobs@abacus-laser.com