

Job Advertisement

The Leibniz-Institute of Photonic Technology (IPHT) offers the following part time position (50%) in the Research Department *Ultrafast fibre lasers* starting June 1st 2019:

Doctoral Researcher (m/w/d) – Research Group Ultrafast Fibre Lasers

The position is limited to 3 years.

The Leibniz-IPHT is an independent research institute with close connection to the Friedrich-Schiller-University Jena and member of the Leibniz association.

Job description:

The project targets development of lasers systems for ultrashort pulse generation, particularly in Mid-IR wavelength range, refining underlying phenomena and technologies, shaping the generation by internal nonlinearity and dispersive parameters and finally test the laser in vibrational absorption spectroscopy for diagnostics.

Your qualification:

Very good master's degree (or equivalent) in Optical Engineering, Physics or equivalent.
Preferably with majors in Laser Physics or Fibre Optics.

Your knowledge and skills:

- Experience in experimental work with fibre optic systems
- Desirable experience in fibre laser experimental work
- Knowledge in the field of ultrashort pulse generation and characterisation
- A track record in scientific publications are great assets
- Fluent English in spoken and written

Salary:

German tariffs for public employees (TV-L)

The IPHT strives to increase the proportion of female employees. Therefore, women are explicitly encouraged to apply.

Further information can be obtained from

Dr. Maria Chernysheva / mail: maria.chernysheva@leibniz-ipht.de

Remarks:

The application must be accompanied by CV, personal motivation statement, on how your knowledge and experience will benefit the project, reference letter and publication list (if applicable).

Please send your application with Code 2019_12 electronically as pdf file or via mail **until 09.04.2019** to:

Leibniz-Institute of Photonic Technology Jena, Human Resources
Albert-Einstein-Straße 9, 07745 Jena
E-Mail: Personal_Abt@leibniz-ipht.de
Code: 2019_12