



WORK OFFER

Employer Information

Employer: Technische Universitaet Dresden
Institute of Lightweight Engineering and Polymer Technology
Holbeinstr. 3

01307 Dresden
Germany

Website:

Location of placement: Dresden
Nearest airport: Dresden
Working hours per week: 40.0
Working hours per day: 8.0

This section details the Employer Information, like the location or city and working hours.

Number of employees: 240
Business or products: Research

Student Required

General Discipline: 14D-MECHANICAL ENGINEERING
Field of Study:

Completed years of study: 2
Language required: English Good Or German Good

This section describes the student requirements given by the employer-the General Discipline and Field of Study and the completed number of years of study along with any other requirements.

Required Knowledge and Experiences :

Other requirements:

Work Offered

The ILK is one of the leading international institutes for research, development and education in the field of function-integrating lightweight engineering based on multi-material design. Depending on the respective requirements, we consider all classes of materials ranging from metals over plastics to ceramics, according to their property profile, with short fibre, continuous filament or textile reinforcement.

This section describes the work being offered during the traineeship

Following topics can be addressed during the internship:

- 1) Lightweight design (Joining, design methods, etc.)
- 2) Technology development: Thermoset composite processing, Thermoplastic composite processing, Additive manufacturing, Carbon fibre manufacturing and carbon interphase tailoring
- 3) Numerical modelling (Process simulation, Crash and Impact, Damage, Failure in Composites, etc.)
- 4) Materials science (Material models, Testing, Novel materials, etc.)

This section describes when and for how long the traineeship is being offered. This traineeship can be taken up for a minimum of 8 weeks and maximum of 12 weeks between 1Jan,2019-31 Dec,2019.

Number of weeks offered: 8 - 12
Within the months: 01-JAN-2019 - 31-DEC-2019
Or within: -
Holidays: -

Working environment: Research and development
Gross pay: 750 EUR / Month
Deduction to be expected: variable
Payment method / frequency: cash or bank transfer / monthl

Accommodation

Canteen at work: Yes
Expected type of accommodation: Info will be handed in later.
Accommodation will be arranged by: IAESTE

Estimated cost of lodging: 350 EUR / Month
Estimated cost of living incl. lodging: 750 EUR / Month

This section describes the accommodation and pay details along with estimated costs of living and lodging.

Additional Information

see additional documents

Any additional information regarding visa requirements, information to students will be present here.

Nomination Information

Deadline for nomination: 31-MAR-2019

Please send nominations by Exchange Platform

Date: 18-FEB-2019

On behalf of receiving country: Felicitas Schnabel