



INTERNSHIP OFFER

Ref. No. DE-2024-3067-1

Internship Host Information

Internship Host: Karlsruhe Institute of Technology
IBCS-BIP
Hermann-von-Helmholtz-Platz 1
76344 Eggenstein-Leopoldshafen
Germany

Website:
Location of placement: Campus North, Hermann-von-Helmholtz-Platz 1, 76344 Eggenstein-Leopoldshafen
Nearest airport:
Working hours per week: 40.0
Working hours per day: 8.0

Number of employees: about 9,300
Business or products: Academia/Education

Student Required

General Discipline: PHYSICS;CHEMISTRY AND CHEMICAL ENGINEERING;MATERIAL SCIENCES AND ENGINEERING

Completed years of study: 3

Field of Study: Physics, General.;Optics/Optical Sciences.;Polymer Chemistry.;Chemical Physics.;.Materials Science.;.Materials Science.

Student status requirements: required during the whole period of internship

Language required: English Excellent (C1, C2)

Required Qualifications and Skills:

Writing & Editing | Thermodynamics | Nanotechnology | Mechanics | MATLAB

Other requirements:

Prior to the start date, the student should have completed at least 3 years of their university degree in materials science, soft matter physics, physical chemistry, computer science or any subject-related field. Additionally, the student must have demonstrated through their assessment high competence in any core subjects related to their degree.

Given that the student successfully meets most (or all) of the above criteria, there should be the opportunity for a follow-up interview.

The most important requirements are that the student is highly motivated and a quick learner, willing to adopt new skills and approaches to programming and research. Good knowledge of thermodynamics and mechanics would be highly beneficial, as well as some programming know-how in MATLAB. The position is perfectly suited for someone interested in materials science, soft matter physics, physical chemistry, computer science or any subject-related field.

Internship Offered

The trainee will be expected to work towards developing a new class of functional DNA materials, where the duties of the trainee will involve either programming work in an office setting or research work in a laboratory setting, depending on the academic background of the trainee. IBCS-BIP at KIT offers a highly collaborative environment, where there will be opportunities for daily exchange between members of different labs. This will largely benefit the trainee who will learn a lot of new skills and create many useful contacts in science that will prove instrumental for his/her future. At the same time, it is anticipated that the trainee will contribute to the advancement of a very hot topic in soft matter physics, thereby accelerating progress in the field of DNA nanotechnology. This placement could serve as an ideal stepping-stone for the next position of the candidate, be that in an academic or industrial setting.

Number of weeks offered: 16 - 20
Within the months: 01-JUL-2024 - 31-DEC-2024
Or within: -
Company closed within: -
Latest possible start date: 01-SEP-2024

Working environment: Research and development;Office work
Gross pay: 2080 EUR / Month
Deduction to be expected: variable
Payment method / time of first payment: Other / end of first month
Other important remuneration information: Payment by employer

Accommodation

Canteen at work: Yes
Expected type of accommodation:
Accommodation will be arranged by: Trainee

Estimated cost of lodging: 450 EUR / Month
Estimated cost of living incl. lodging: 934 EUR / Month

Additional Information

see additional documents

Nomination Information

Deadline for nomination: 07-APR-2024



IAESTE
GERMANY

**IMPORTANT INFORMATION ABOUT
YOUR TRAINEESHIP IN GERMANY
– PLEASE READ CAREFULLY!**

GENERAL INFORMATION

The national committee of IAESTE Germany is located in Bonn as a part of the German Academic Exchange Service (DAAD). Here, the administrative issues of your training are arranged. In Germany there are numerous local committees (LC). In general, the local committee will meet you when you arrive and help you to get in touch with the employer as well as with the public authorities. All of us will do our best to make your stay as pleasant as possible. Not all traineeships are based in large cities where you can find an LC. You will find information regarding the nearest local committee at your "Work Offer". In case there is no LC, IAESTE might not be able to contact you on a regular basis.

WHAT WE EXPECT FROM YOU

We put a lot of effort in raising the IAESTE jobs in Germany. The companies are assured of highly qualified and motivated students for the job. It is therefore required that you read the job description carefully and apply only if you consider yourself qualified. For a satisfactory working relationship between the company and you, it is expected that you have good social skills and can take initiative.

IMPORTANT DOCUMENTS FOR YOUR APPLICATION

1. Student Nominated Form – *can be downloaded at the IAESTE Exchange Platform*
2. "Work Offer" – *can be downloaded at the IAESTE Exchange Platform*
3. Introductory letter to the employer
4. Curriculum Vitae
5. Transcript of records
6. Language certificate
7. Certificate of enrolment – *please only use the attached form*
8. Copy of passport

THE CERTIFICATE OF ENROLMENT

Please note: You must be enrolled during the whole period of training! Due to the law of minimum wage in Germany an internship up to three months may be optional/does not need to be mandatory. If your internship lasts longer than three months this additional time must be a compulsory part of your studies.

THE WORK OFFER

Work offered: It is important to read the job description carefully, as the company expects you to have knowledge of the particular work offered.

Work period: The period of work is stated on the "work offer" and can only be altered to another period if the employer agrees to the new dates. Please apply always for full month, beginning at the first day of each month.

Language requirements: Please prove your language skills with a current language certificate. The language skills which are required from the employer need to be proven. If your language skills differ significantly from what is stated in the certificate, the training may be terminated. Most Germans speak at least basic English.

Accommodation: Unless explicitly mentioned otherwise, the local committee will organize your accommodation. You have full financial responsibility for the rent. Also, for booking accommodations it's necessary that your internship will last whole calendar months because the rent has to be paid by you for full months. Please note that in Germany, usually male and female students share the same floor and sometimes share a bathroom in student dorms or in shared student apartments.

Payment/taxes: Your salary is normally paid monthly at the end of each month according to the amount stated on the "work offer". If your training ends before the end of a month, the salary will be paid proportionally for the days you completed. Foreign students who are in Germany for a practical training and who receive a payment from the employer must pay a certain percentage of their wages as social security contributions. You are exempted from this payment if you receive your wages from the DAAD only and/or if your training is a compulsory part of your course of study. This must be confirmed at the certificate of enrolment.

ADDITIONAL INFORMATION

The DAAD portal: In case of acceptance, you must register yourself at the DAAD portal. Any important information will be sent with your acceptance. Payment and insurance can only be activated after you have finished the necessary steps.

Payment: You need to have sufficient funds for the first month, approximately 934,00 €, to cover your expenses until you receive your first salary. The expenses include for example living costs, rent, telephone costs or public transport. The DAAD does not offer financial support for travel costs or airfare.

Insurance: In order to complete an IAESTE training in Germany, an adequate health-, liability- and accident insurance is mandatory. The DAAD will take out and pay the insurance for you during the period of training.

Visa/Passport: You are required to apply for a visa at your nearest German Embassy or Consulate. It is important to apply as soon as you get your acceptance papers from IAESTE Germany. The application procedure sometimes takes 8 to 12 weeks. Make sure you have a valid passport before leaving for Germany.

Work permit waiver: The DAAD issues the work permit waiver for internships from non-European students which has to be confirmed by the German Federal Employment Agency. Since this is an official document, you are not allowed to write on it. In general, students from EU countries, EEA countries and Switzerland do not require a work permit waiver for a practical training in Germany.

If you have any further questions, please consult your IAESTE national committee.

Finally, we would like to wish you good luck for your application!

Erklärung zur Immatrikulationsbescheinigung // Declaration of Certificate of Enrolment

Universität/Hochschule // University/college **Studierender // Student**

Studiengang // Course of study

1 Bezeichnung // Name of university/college

6 Vorname // Name

10 Studienfach // Subject

2 Anschrift // Address of university/college

7 Nachname // Surname

11 Regeldauer Studium // Standard period of study
Jahre // Years

3 Telefon // Telephone

4 E-Mail // e-mail

8 Geburtsdatum // Date of birth

12 Eingeschrieben seit // Enrolled since
(TT.MM.JJJJ) // (DD.MM.YYYY)

5 Website // Website

9 Staatsangehörigkeit // Nationality

13 Voraussichtliches Studienende // Expected end of study
(TT.MM.JJJJ) // (DD.MM.YYYY)

Die Bundesagentur für Arbeit benötigt die folgenden Angaben für die Genehmigung // The German Federal Employment Agency requires the following information for the approval of

einer Ferienbeschäftigung // a vacation job

14 Offizielle Semesterferien // Official semester break

von // begin

bis // end

(TT.MM.JJJJ) // (DD.MM.YYYY)

15 Fortsetzung des Studiums nach den Semesterferien // Continuation of studies after semester break

Ja // Yes

Nein // No

eines studienfachbezogenen Praktikums // an internship related to the field of study

16 Angestrebter akademischer Grad // Expected academic degree

Bachelor // Undergraduate

Master // Graduate

Doktorand // Postgraduate

andere Hochschulbildung (Mindestlaufzeit 3 Jahre) // Other higher education (min. duration 3 years)

17 Die Studienordnung beinhaltet ein Pflichtpraktikum von mindestens //
Study regulations include a mandatory internship of at least

Stunden //
hours

Wochen //
weeks

Monate //
months

trifft nicht zu //
not applicable

(Bitte entsprechenden Auszug aus der Studienordnung beilegen // Please enclose the relevant details from the study regulations)

18 Davon wurden
Of which

Stunden //
hours

Wochen //
weeks

Monate bereits absolviert //
months have already been completed

19 Datum // Date

20 Unterschrift und Stempel der Universität/Hochschule // Signature and stamp of the university/college



S1