



# IAESTE SWITZERLAND

## INTERNSHIP OFFER

Ref. No. CH-2024-000226

### Internship Host Information

Internship Host:	CERN 1, Esplanade des Particules 1203 Genève Switzerland	Website: <a href="http://careers.cern/">http://careers.cern/</a> and <a href="https://hr-dep.web.cern.ch/">https://hr-dep.web.cern.ch/</a> Location of placement: Geneva Nearest airport: Geneva Working hours per week: 40.0 Working hours per day: 8.0
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Number of employees: 3000

Business or products: Particle Physics Research and Engineering

### Student Required

General Discipline:	COMPUTER AND INFORMATION SCIENCES; PHYSICS;OTHER	Completed years of study:	3
Field of Study:	Engineering, Mathematics	Student status requirements:	Applicant must remain registered as a student during their stay at CERN. If they expect to graduate during European summer 2024 (as of May), they are also eligible to apply.

Language required:  
English Good (B1, B2) Or  
French Good (B1, B2)

#### Required Qualifications and Skills:

Physics | Mechanical Process Engineering | Mathematics

#### Other requirements:

- You have not worked at CERN before with any other status (Technical Student, Trainee, User or other status) for more than 3 months and you have not been previously a Summer Student at CERN
- Please read through full nomination requirements carefully, any applications with missing documents will be automatically rejected!

- You are a Bachelor or Master student (not PhD) in Physics, Engineering, Computer Science or Mathematics and should have completed, by the European Summer 2024, at least three years (6 semesters) of full-time studies in the field, at university level.
- You have a good knowledge of English; knowledge of French would be an advantage.

### Internship Offered

At CERN, the European Organization for Nuclear Research, physicists and engineers are probing the fundamental structure of the universe. Using the world's largest and most complex scientific instruments, they study the basic constituents of matter - fundamental particles that are made to collide together at close to the speed of light. The process gives physicists clues about how particles interact, and provides insights into the fundamental laws of nature.

Over a period of 8 to 13 weeks\*, you will work on an advanced technical project in an experimental or engineering team.

During this unique and exciting time, you can attend a series of lectures specially prepared for you where experts and scientists from around the world share their knowledge about a wide range of topics in the fields of theoretical and experimental particle physics, engineering and computing. Visits to the CERN facilities, as well as discussion sessions and workshops are also key features of the programme. Find out more on the Summer Student information page. A short report on your work and project at CERN will be expected at the end of your stay.

\*Special remarks: regarding placement duration options:

CERN non-member countries can do MAX 8 weeks, CERN member countries can do up to 13 weeks.

CERN member states are: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, India, Israel, Italy, Latvia, Lithuania, Netherlands, Norway, Pakistan, Poland, Portugal, Romania, Serbia, Slovak Republic, Slovenia, Spain, Sweden, Turkey, Ukraine and the United Kingdom.

Lodging needs to be arranged by candidate but CERN will help (on CERN site or nearby)

Start date is either 3 June, 10 June, 17 June, 24 June or 1 July 2024. CERN NMS students can arrive starting from 10 June.

--> ATTENTION : After nomination by IAESTE, the selected candidate also needs to apply through the CERN career portal. Nominated students will receive a private link from IAESTE beginning of January (after IAESTE deadline), they will have until Wednesday 31st January, 12 noon CET to submit their documents to CERN via this link. Please read nomination information for list of complete documents.

Number of weeks offered:	8 - 13	Working environment:	Research and development
Within the months:	03-JUN-2024 - 27-SEP-2024	Gross pay:	3600 CHF / Month
Or within:	-	Deduction to be expected:	0 CHF
Company closed within:	-	Payment method / time of first payment:	Bank Transfer / monthly
Latest possible start date:	01-JUL-2024	Other important remuneration information:	+ travel allowance

### Accommodation

Canteen at work: Yes

<i>Expected type of accommodation:</i>	Student must find own accommodation, will however receive support from CERN	<i>Estimated cost of lodging:</i>	820 CHF / Month
<i>Accommodation will be arranged by:</i>	student	<i>Estimated cost of living incl. lodging:</i>	1600 CHF / Month

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### **Additional Information**

Application MUST include:

- CV
- Well-written motivation letter: demonstrate that you have researched the CERN, the motivation letter should be customised. Generic letters will not be accepted.
- Copy of most recent academic transcript giving an overview of grades
- 2 excellent reference letters dated less than 12 months, from a lecturer and/or previous internships
- enrollment certificate

An integral internship letter is NOT required for this particular offer.

Any applications missing any of the above documents will be automatically REJECTED!

After nomination by IAESTE, the selected candidate also needs to apply through the CERN career portal. Nominated students will receive a private link from IAESTE beginning of January (after IAESTE deadline), they will have until Wednesday 31st January, 12 noon CET to submit their documents to CERN via this link. A CERN selection committee will review the candidates and a final decision will be given between mid-March and mid-April 2024.

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### **Nomination Information**

*Deadline for nomination:* 2024-01-03

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*Date:* 08-DEC-2023      *On behalf of receiving country:* IAESTE Switzerland