



CERN

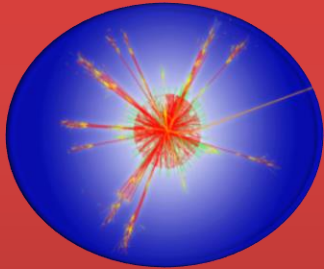
Probably one of the most
incredible experiments in the world!

Ready to take part?



CERN's Mission

- *To provide a unique range of particle accelerator facilities that enable research at the forefront of human knowledge*
- *To perform world-class research in fundamental physics*
- *To unite people from all over the world to push the frontiers of science and technology, for the benefit of all.*



Research



Education



Technology



Collaboration

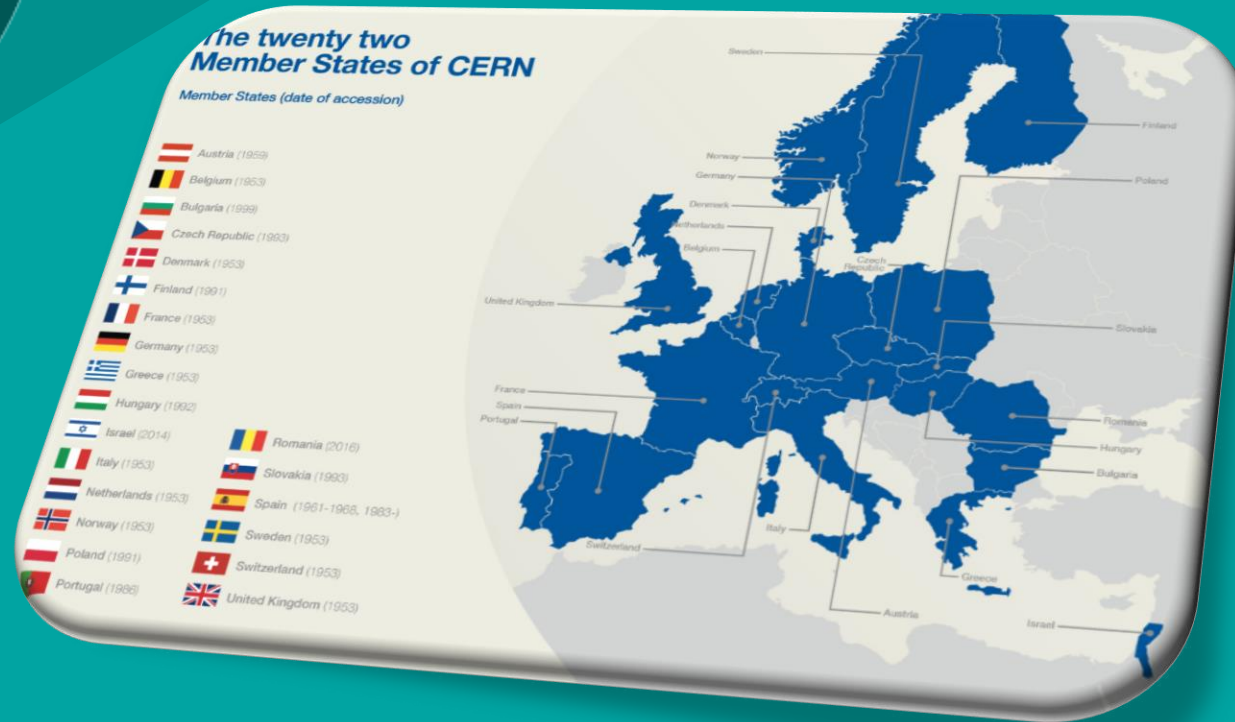
An aerial view
of

CERN



CERN

A Worldwide
collaboration
Funded by 22 Member
States



CERN FEATURES:



The
FASTEST
RACETRACK
on the
Planet

Image credit: CERN



COLDER
TEMPERATURES
than outer space

Image credit: CERN



The **Most**
SOPHISTICATED
DETECTORS
ever built

Image credit: CERN



HOTTEST

spots

in the

galaxy

Image credit: David Tyner

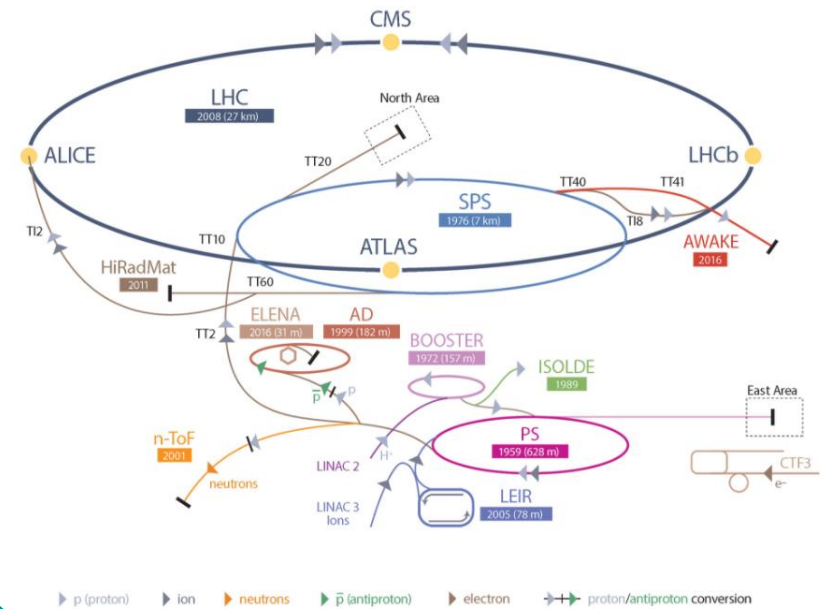


The
Birthplace
of the
**WORLD WIDE
WEB**

Image credit: CERN

The EQUIPMENT

CERN's Accelerator Complex



Accelerators

Are powerful machines capable of accelerating particles to very high energies before being collided with other particles

Detectors

Gigantic instruments that record particle collisions

Computers

To collect, store, distribute and analyze enormous quantities of data generated by detectors

ATLAS:

As **Big** as a

5

**STOREY
BUILDING**

Image credit: CERN



CMS:

HEAVIER

than the

EFFEL
TOWER

Image credit: CERN

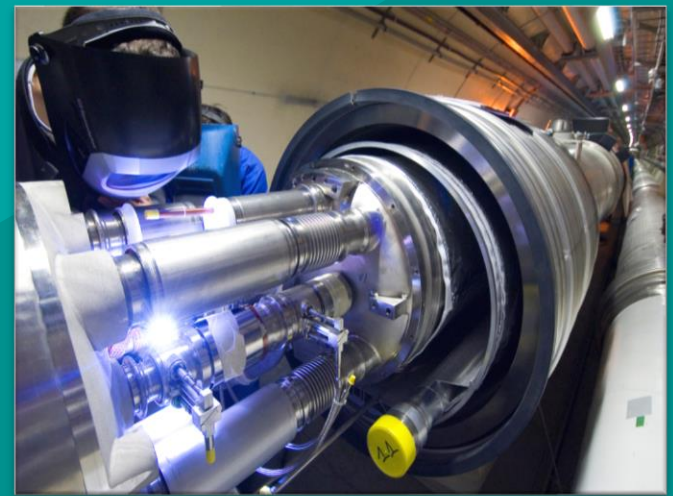




CERN

Data Centre

Image credit: CERN



CERN Technology

Radiofrequency

Computing / IT

Vacuum &
Cryogenics

Magnets

Material
Science

Mechanics

Electronics

CERN

Population

12,358
Users

808
Fellows

Total of
17,762

556
Students &
trainees

2,637
Staff Members

1,313
Associates



Data: 1 Jan 2018

CERN

Professional Categorization

1152
Scientific &
Engineering work

887
Technical Work

Total of
2,637
Members of Staff

456
Office and
Administrative

57
Manual Work,
Craft and Trade

85
Research
Physicists

Data: 1 Jan 2018

CERN

Examples of professions

Computer Engineer

Radioprotection Engineer

Electronics Engineer

Physicist

Technical Engineer (Electronics)

Vacuum Technician
Machine Operator

Electrical Technician

Technical Engineer (Electronics)

Firefighter

Scientific & Engineering work

Technical Work

Manual Work, Craft and Trade

Other

Lawyer
Translator

Total of

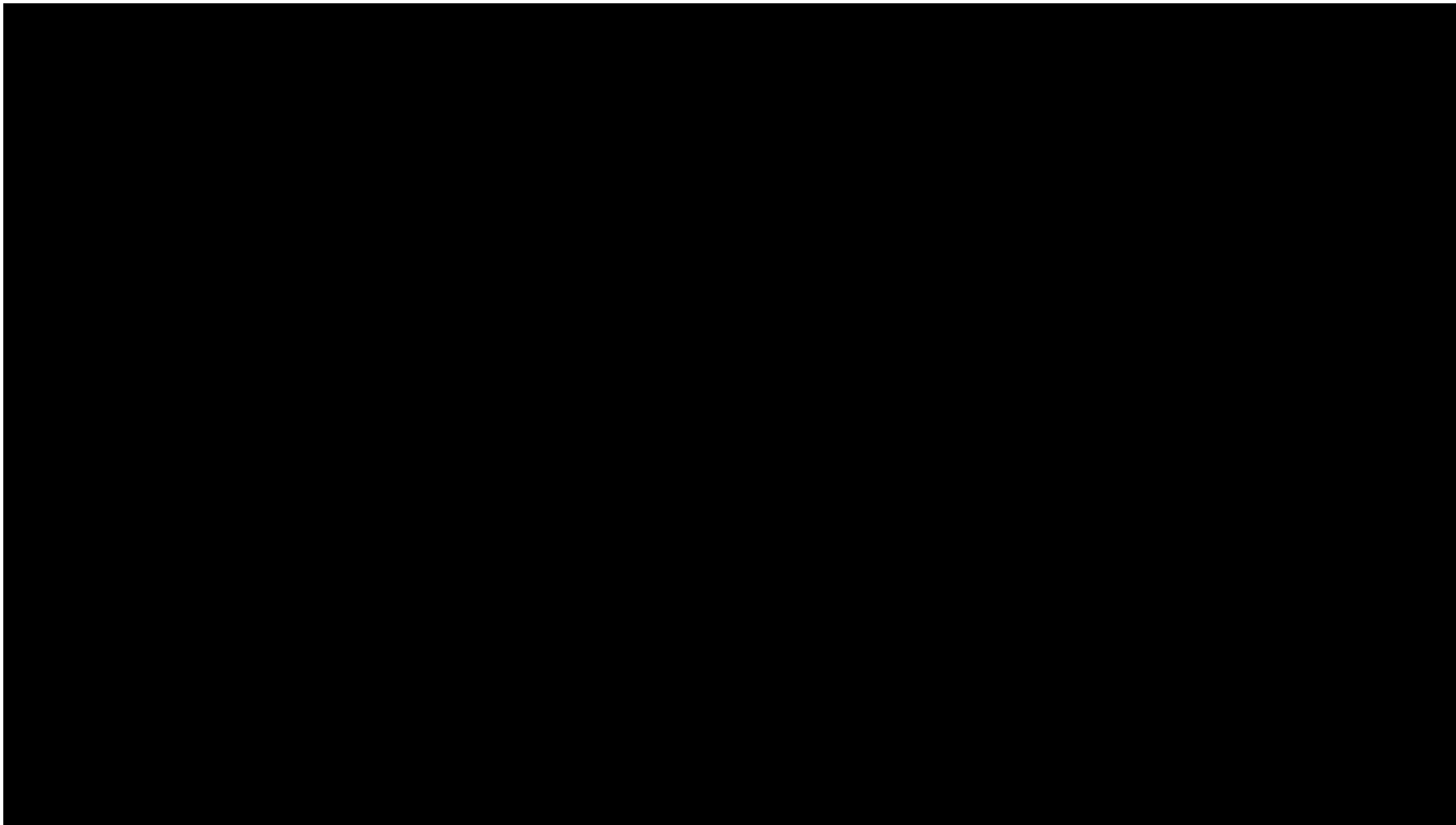
2,637

Members of Staff

Office and Administrative

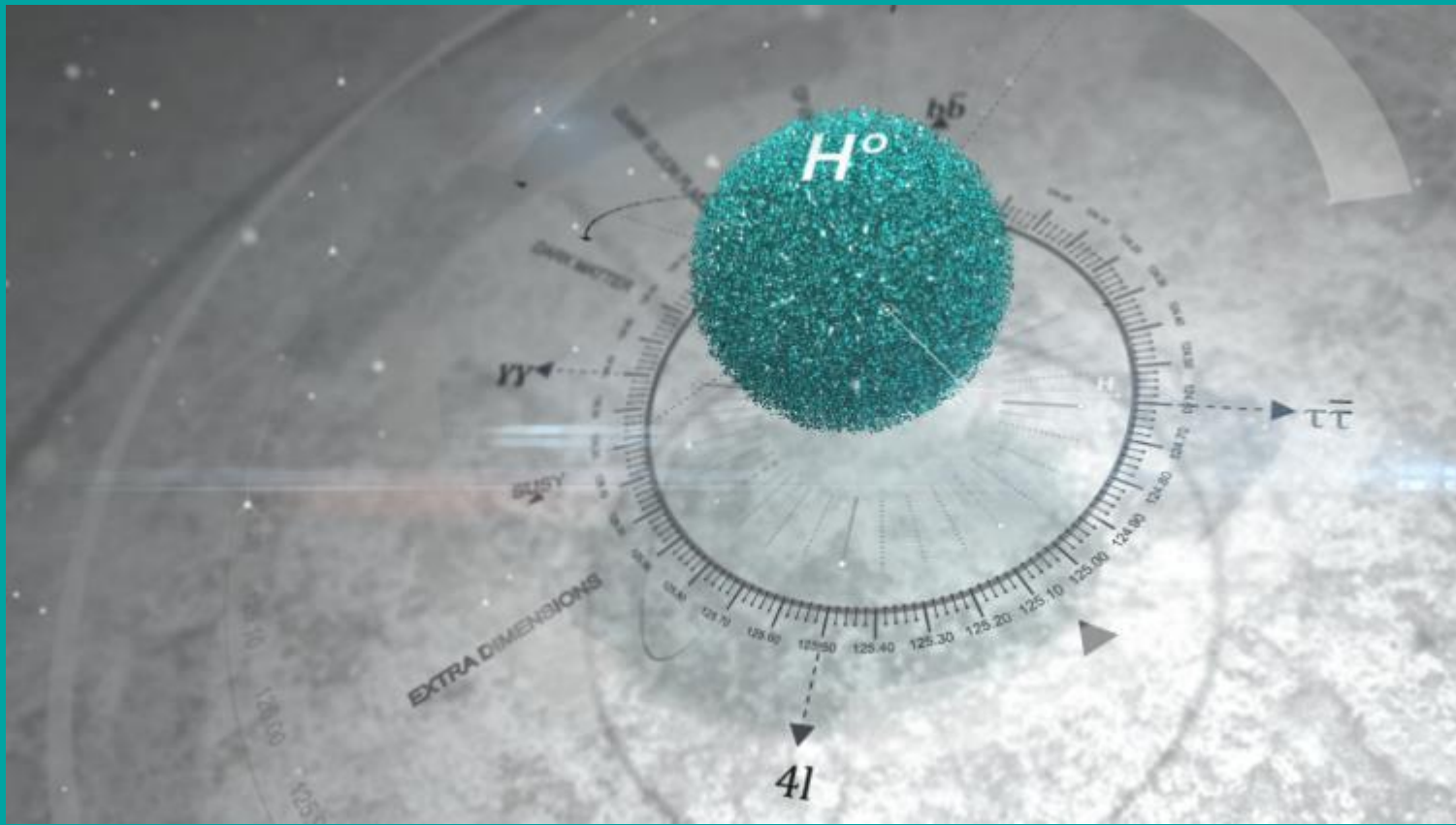
Administrative Assistant
Information Officer

Data: 1 Jan 2018



CERN

Opportunities for students



We offer ~
240
positions
annually

CERN

Technical Student Programme

“ It’s a great
place to start a
career, it’s a great
place to learn new
skills and make
new friends ”

Selections in June and December

FIELDS:	Applied physics, engineering, computing
LENGTH:	4 to 12 months
ELIGIBILITY:	18 months of technical undergraduate studies
FEATURES:	A technical project with a CERN supervisor A living allowance, incl. health insurance

We offer ~

30

positions
annually

CERN

Admin Student Programme

“ My Admin
Studentship was a
great experience
– I had exposure to
more activities than I
could have imagined ”

Selections in June and December

FIELDS:

Translation, human resources, business administration, law, finance, librarianship, science communication, audiovisual, communication and public relations...

LENGTH:

2 to 12 months

ELIGIBILITY:

18 months of undergraduate studies

FEATURES:

An administrative project with a CERN supervisor - a living allowance, incl. health insurance

We offer ~
300
positions
annually

CERN

Summer Student Programme

“ Can't
imagine a
better way
to spend my
summer ”

**Opens for applications in the Autumn,
selection in March**
Open to Non Member State students

FIELDS:	physics, engineering, computing
ELIGIBILITY:	3 years of full-time studies at university level
LENGTH:	8 to 13 weeks, during the summer
FEATURES:	High-quality lecture programs A technical project with a CERN supervisor, visits and workshops Living allowance , incl. health insurance Accommodation in CERN hostel

We offer ~

80

positions
annually

CERN

Doctoral Students

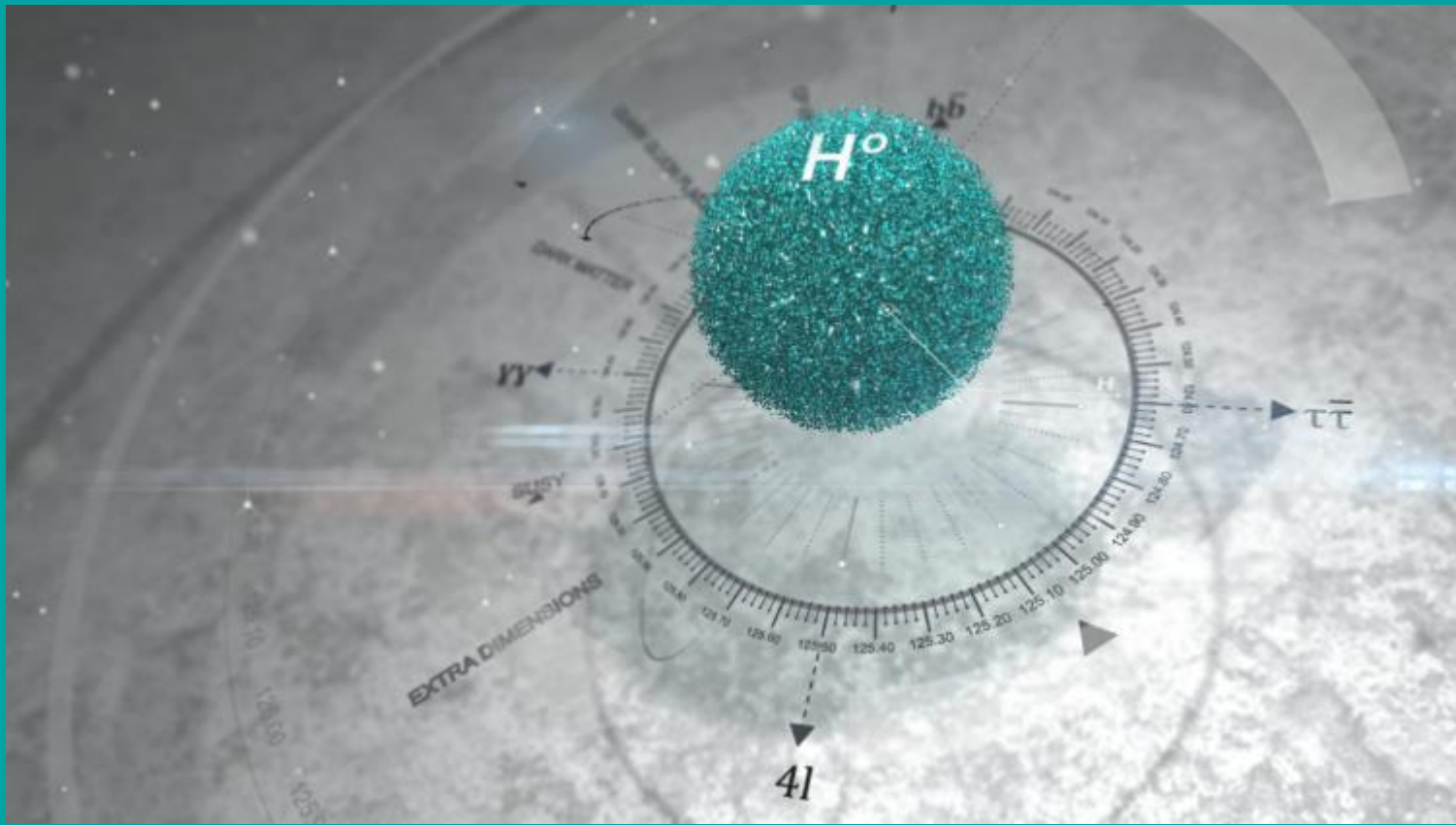
“Gave me
the opportunity to
meet important
people, especially
in the research
fields”

Selections in June and December

FIELDS:	applied physics, engineering, computing
LENGTH:	1-3 years
ELIGIBILITY:	enrolled in a doctoral program in a Member State university
FEATURES:	a technical project, leading to a PhD thesis co-supervised by the university thesis advisor and a CERN staff member a living allowance incl. Health insurance

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Opportunities for Graduates



We offer ~
220
positions
annually

CERN

Fellowship & Graduate Engineering Training

“ An ideal place
to follow the most
recent ideas in
physics and start new
collaborations ”

Selections in May and November

FIELDS:	physics, engineering, computing
ELIGIBILITY:	BSc, MSc or PhD no more than 10 years relevant post-MSc experience
SELECTION:	2 selection committees per year
FEATURES:	2-3 year employment contract - Attractive salary incl. social benefits - Training possibilities Fellows are normally nationals of the Member States of CERN. There also exist a limited number of places for Fellows from non-Member States.

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Marie Skłodowska-Curie

For university graduates.

Non-member state nationals can apply!



FIELDS: physics, engineering, computing

DURATION: up to 3 years

ELIGIBILITY: MSc or PhD
≤5 years post-degree experience

FEATURES:

- Funded by the European Commission
- An employment contract with CERN
- Specific Marie-Curie vacancies published on CERN web pages
- An attractive salary, social benefits, allowances
- The chance to build an international network

We offer ~
40
positions
annually

CERN

Technician Training Experience

“ I never
imagined the
possibilities
CERN would
offer me ”

Open all year round

FIELDS:

Mechanics, electronics, electricity, etc.

ELIGIBILITY:

Technical diploma (Note: applicants with higher qualifications, BSc, MSc or PhD are not eligible)

no more than 4 years relevant experience after finishing your diploma

SELECTION:

All applications for TTE opportunities will be considered by a panel of CERN specialists. The panel meets once per year.

Successful applicants will be offered appointments which should begin within six months of the meeting.

FEATURES:

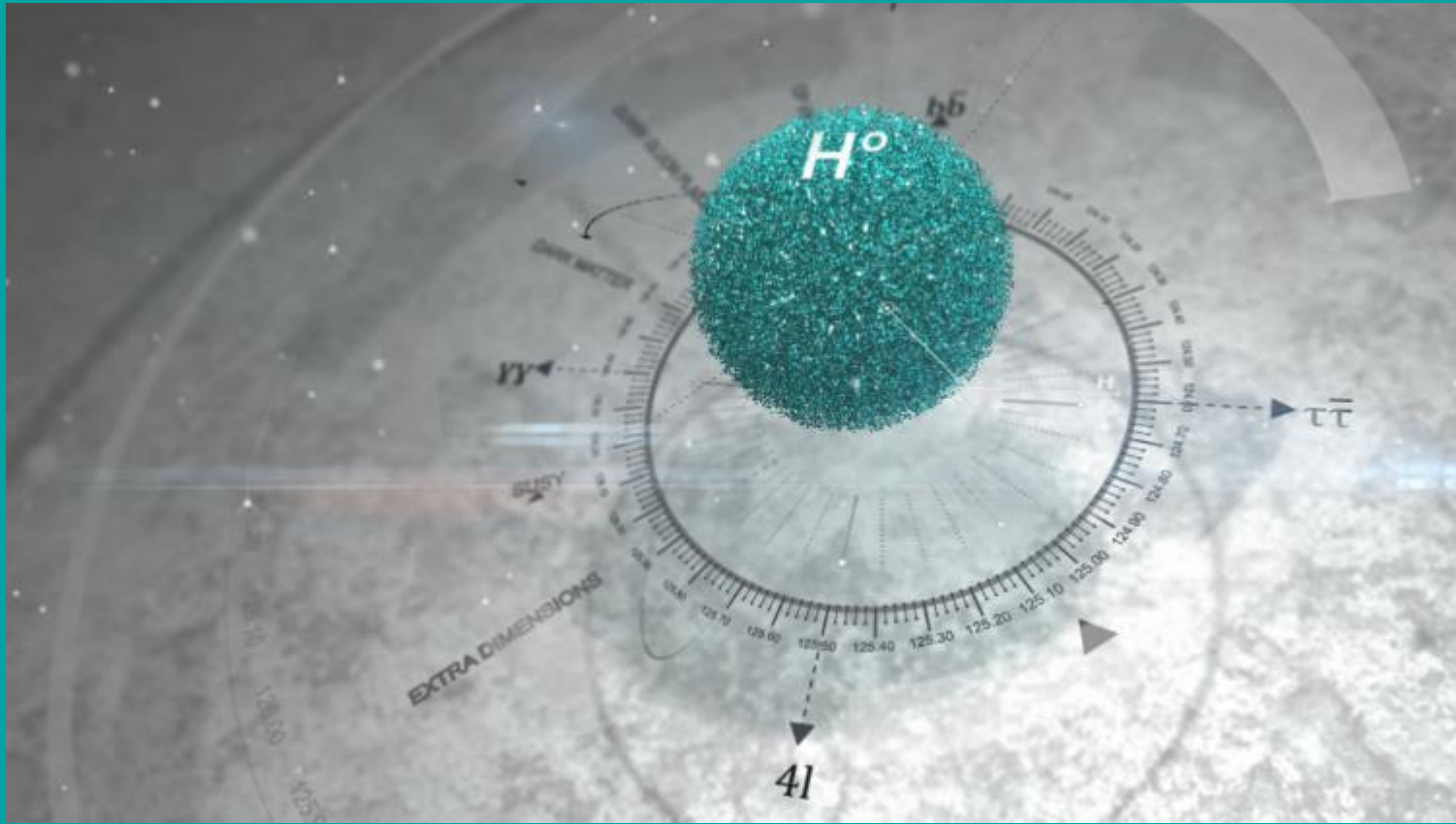
An initial contract of one year renewable for a second year

Attractive salary include social benefits

On-the-job and formal training will be provided at CERN. There are also in-house language courses for English and French

CERN

Opportunities for Professionals



We offer ~
100-150
positions
annually

CERN

Staff positions

// Imagine
the answer
suddenly becomes
clear //

Regular publications, posts open on
average 4 weeks

EMPLOYED MEMBERS OF PERSONNEL RECRUITED
FROM OUR 22 MEMBER STATES

Eligibility: > from apprenticeship to PhD

Selection: > vacancies published on the WEB

Features:

- Maximum 5 year contract
- Competitive salaries incl. social benefits
- Training possibilities (language courses, technical training)

CERN

Application Process

✓ **Allocate time**

A rushed application form is unlikely to succeed!

✓ **Check it**

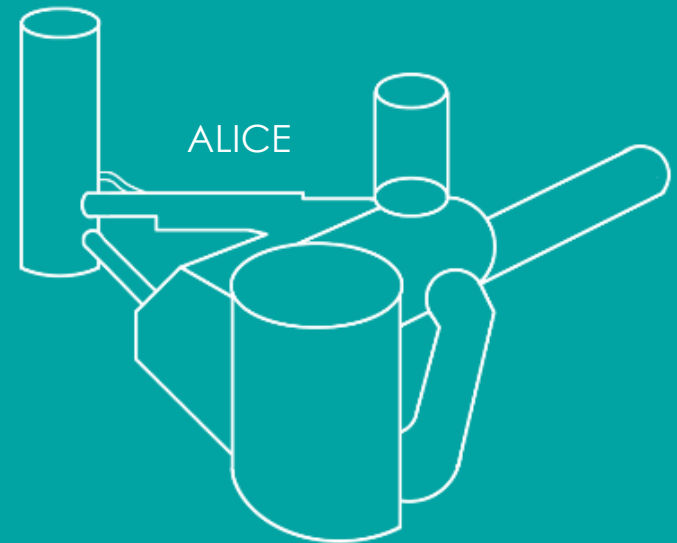
An application form with basic spelling mistakes doesn't bode well!

✓ **Motivation**

Think about why you are interested in the specific position for which you are applying

✓ **Be Honest**

Only detail skills that you actually have, not that you may acquire in the future



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Careers Website



Careers.cern

CERN

Employment

CERN offers opportunities
in all fields

follow us :



CERNJOBS @CERN_JOBS



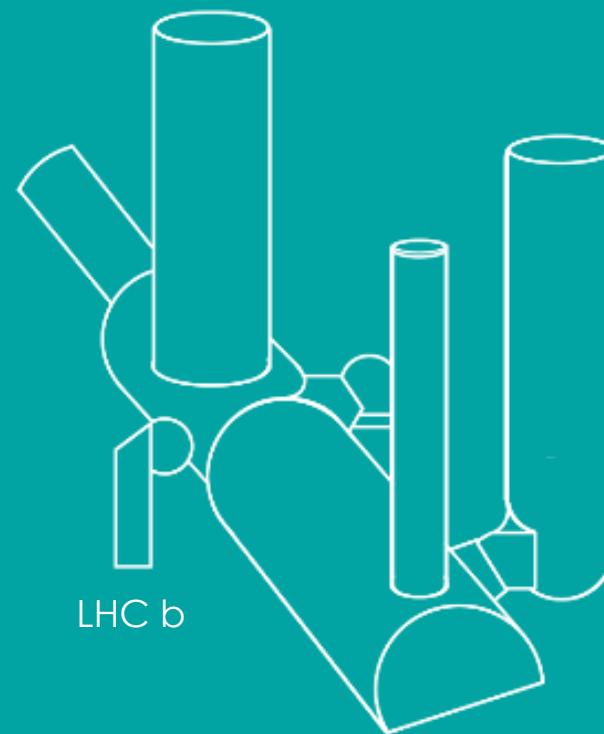
CERNJOBSTV



CERN

What you will Experience

- Be at the forefront of technology and physics
- Collaborate with multicultural and multidisciplinary teams, without political or religious barriers
- Follow experts in their technical domain
- Be part of a dynamic environment with training opportunities
- Benefit from an attractive remuneration package
- Make valuable and long-lasting contacts from all over the world
- Learn languages: CERN is a bi-lingual organization (English and French)



CERN

THANK YOU!



Any questions?

Contact us: recruitment.service@cern.ch