



Take part!



A Worldwide collaboration
Funded by 23 Member States



CERN Convention



ARTICLE II: Purposes

The organization shall provide for collaboration among European States in nuclear research of a pure scientific and fundamental character [...] The organization shall have no concern with work for military requirements and the results of its experimental and theoretical work shall be published or otherwise made generally available.



29 June - 1 July 1953

Fundamental questions of mankind

What is the nature of our universe?

What is it made of?



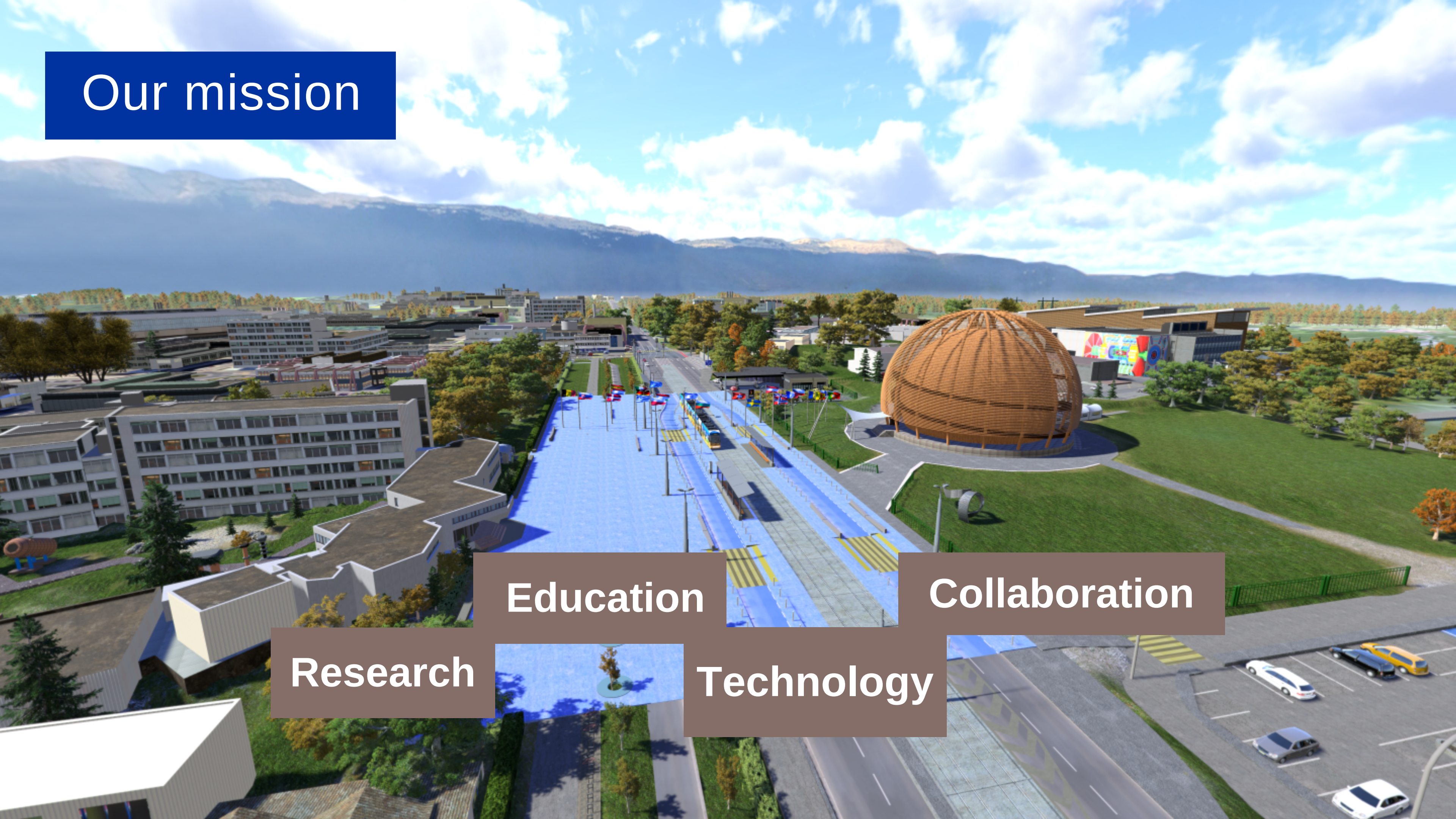
Our mission

Education

Collaboration

Research

Technology





“

CERN is an employer, a state, a physics lab and a university campus. And that means everything we do here is unique.

CERN employee, December 2009

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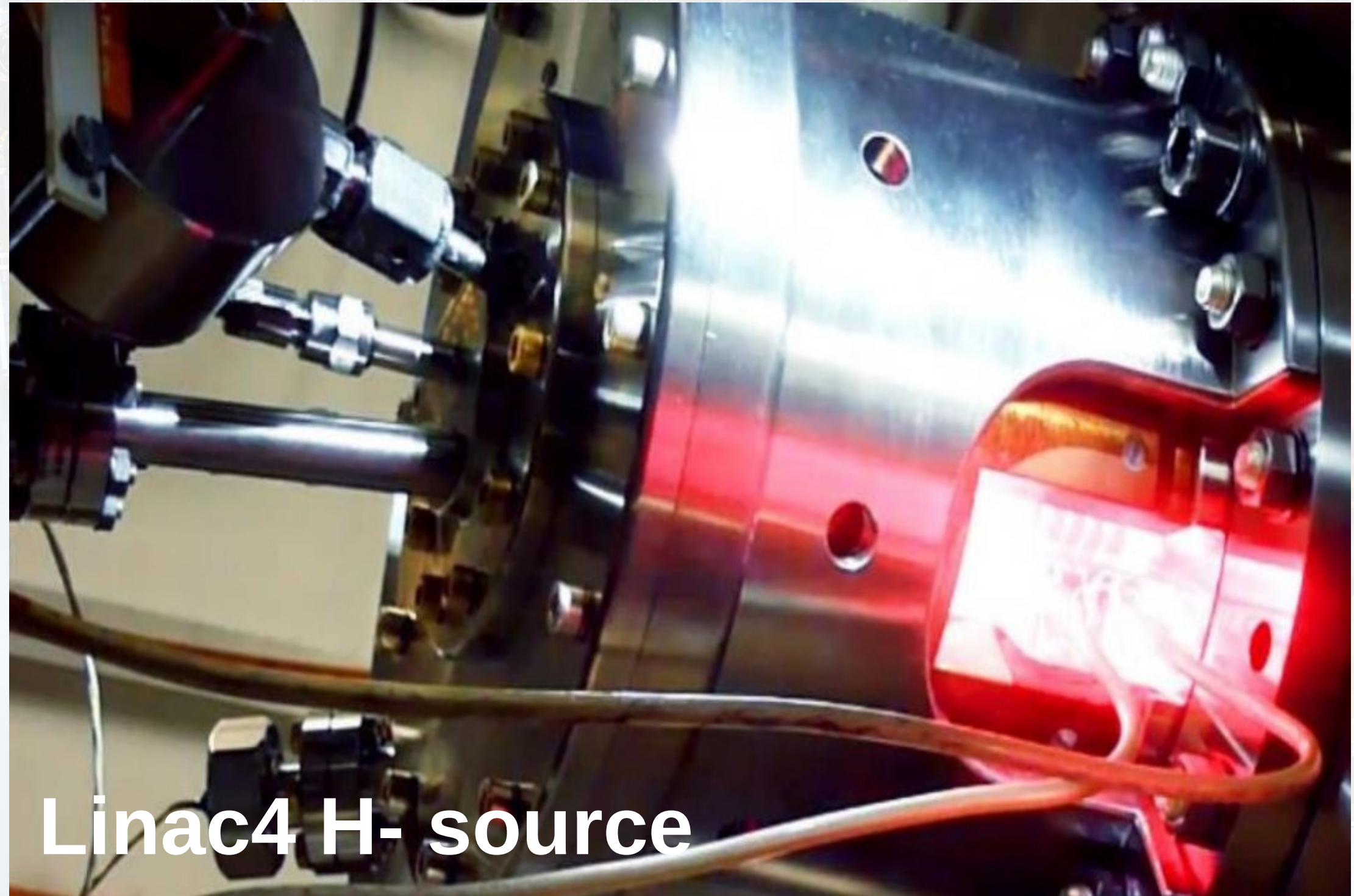
0 0 0 A | B | C | D | E Conferen Salles de co

▲	A	07:00 conference room service
▲	E	07:00 RECFA
▲	B	15:30 Meeting
▲	C	14:00 Font - Trives
▲	D	10:00 Project proposal discussion

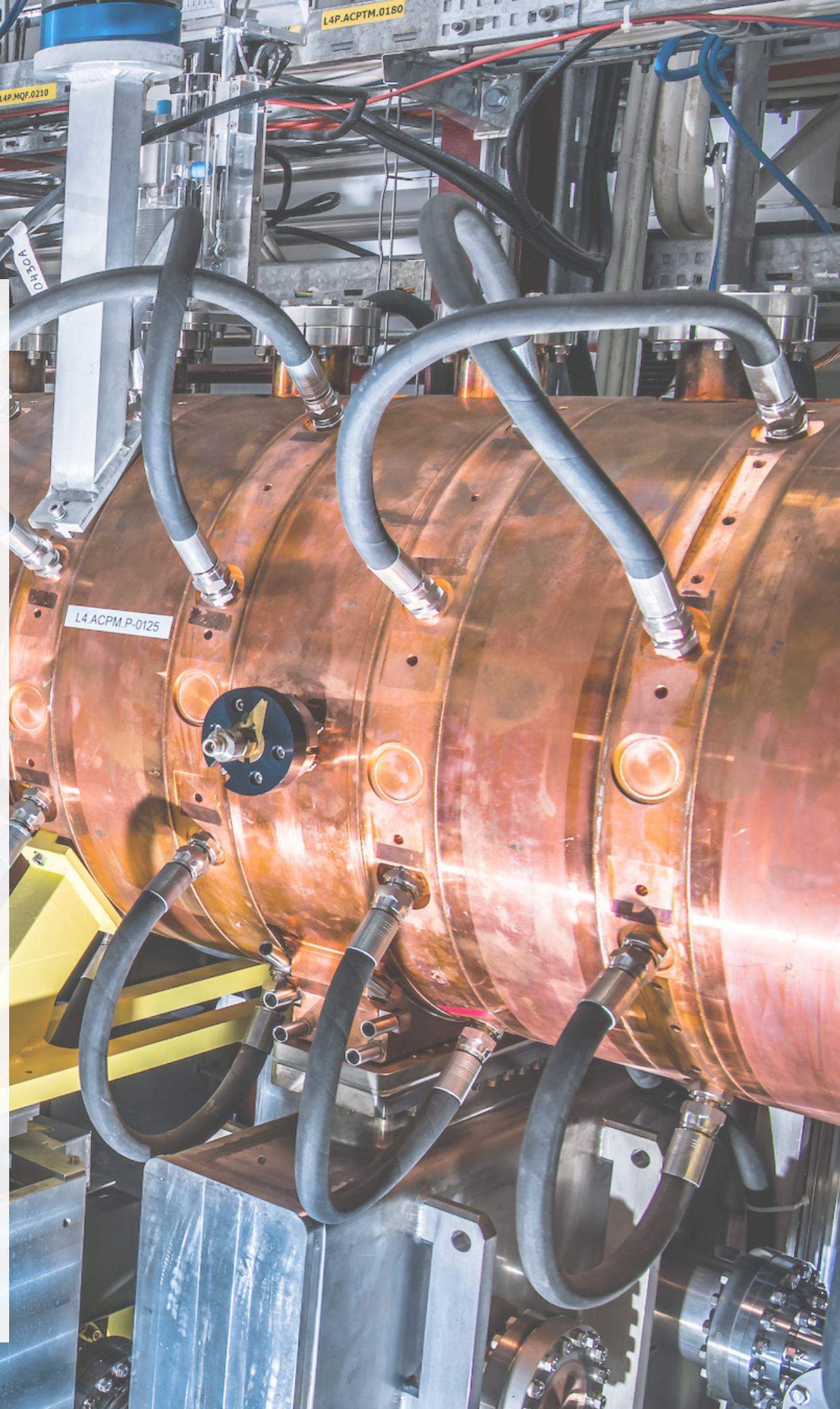
French-Swiss border near Geneva

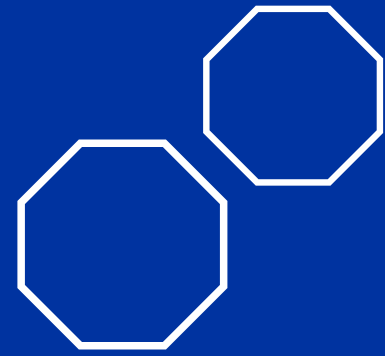


Where it all begins!



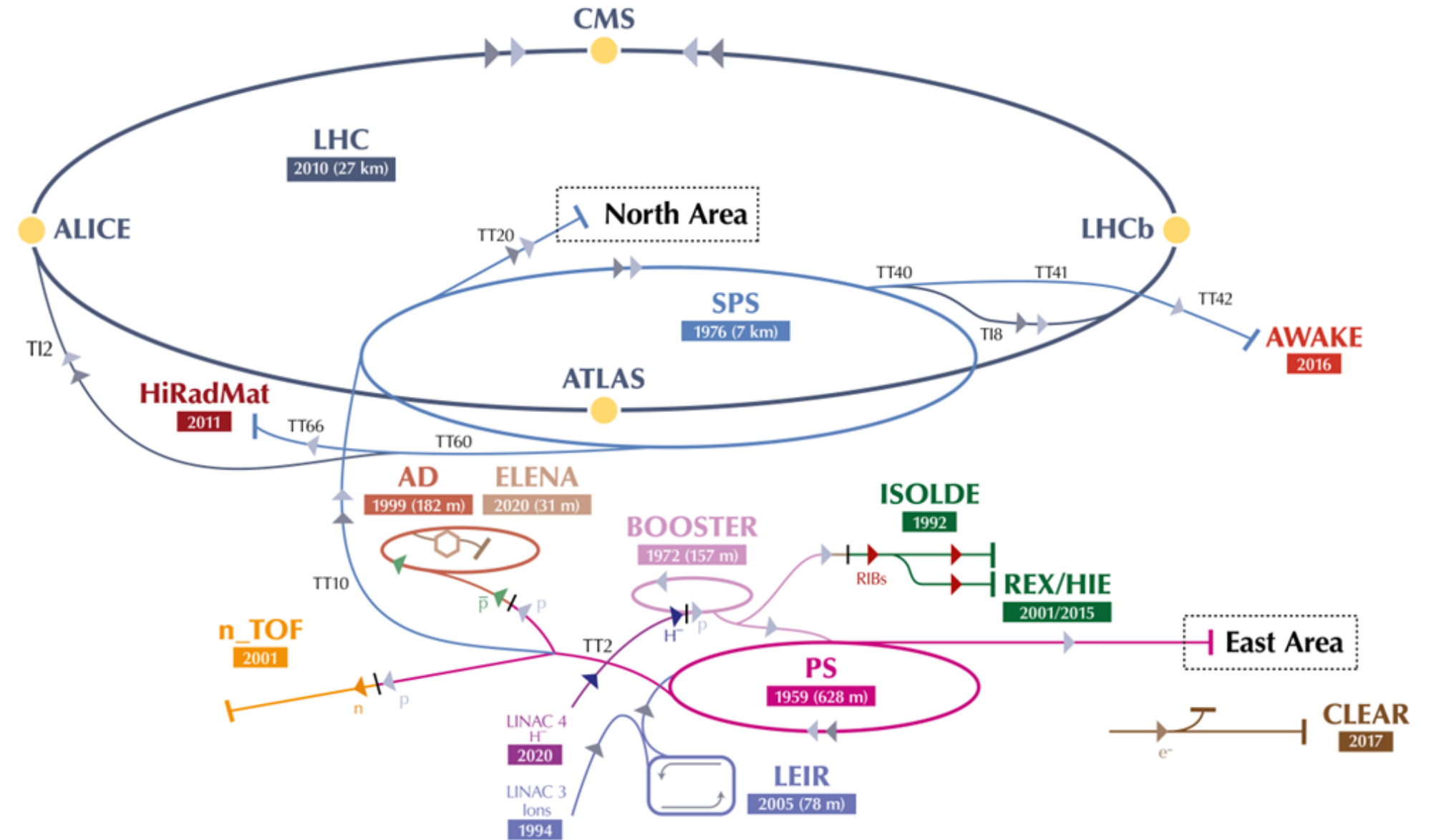
Linac4 H- source





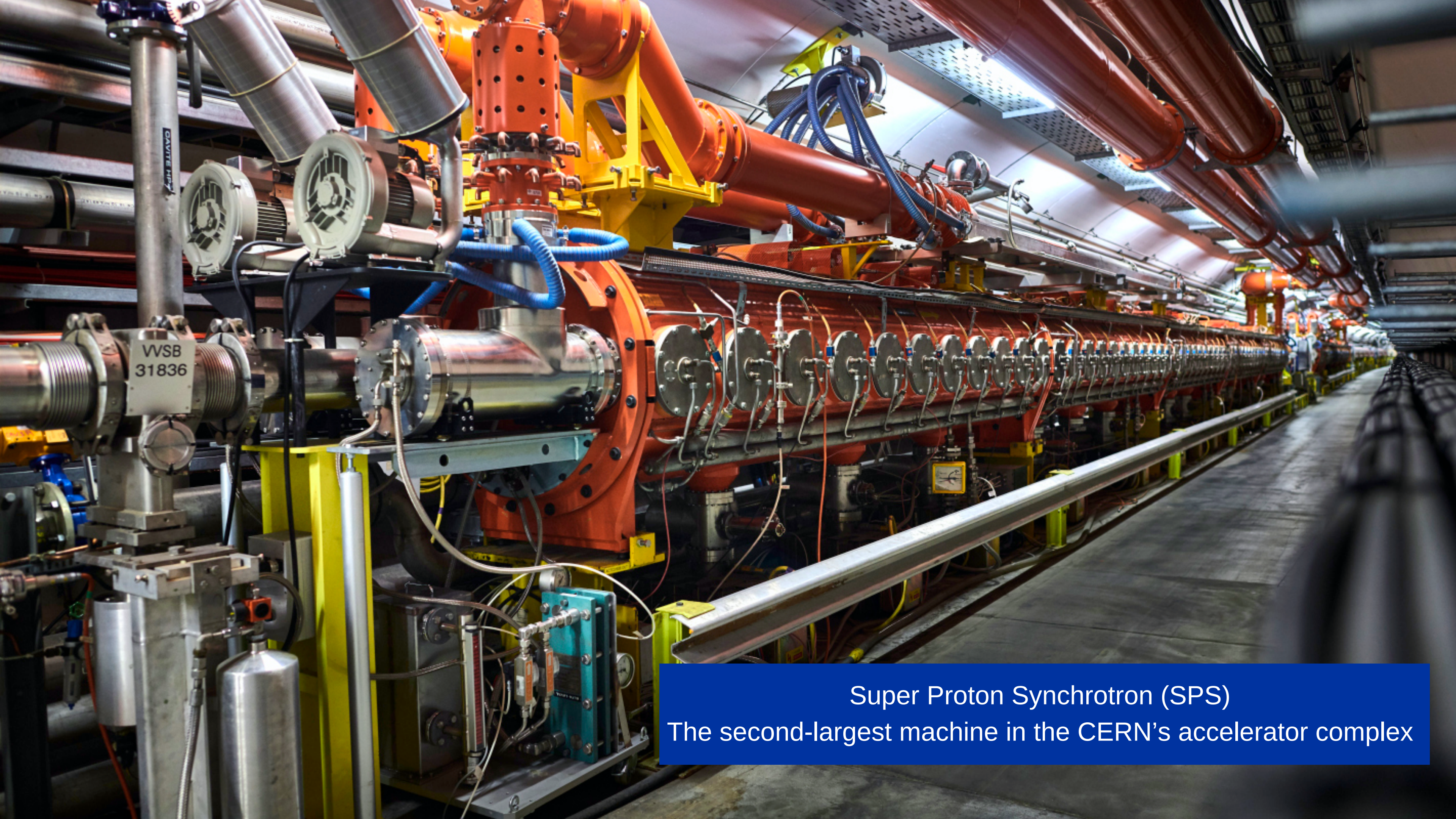
The CERN Accelerator Complex

The CERN accelerator complex Complexe des accélérateurs du CERN



▶ H^- (hydrogen anions) ▶ p (protons) ▶ ions ▶ RIBs (Radioactive Ion Beams) ▶ n (neutrons) ▶ \bar{p} (antiprotons) ▶ e^- (electrons)

LHC - Large Hadron Collider // SPS - Super Proton Synchrotron // PS - Proton Synchrotron // AD - Antiproton Decelerator // CLEAR - CERN Linear Electron Accelerator for Research // AWAKE - Advanced WAKEfield Experiment // ISOLDE - Isotope Separator OnLine // REX/HIE - Radioactive EXperiment/High Intensity and Energy ISOLDE // LEIR - Low Energy Ion Ring // LINAC - LINear ACcelerator // n_TOF - Neutrons Time Of Flight // HiRadMat - High-Radiation to Materials



Super Proton Synchrotron (SPS)
The second-largest machine in the CERN's accelerator complex



LHC, the
FASTEST
RACETRACK
on the
Planet

Superconducting

Magnets:
temperatures
colder than outer
space...

Colliding



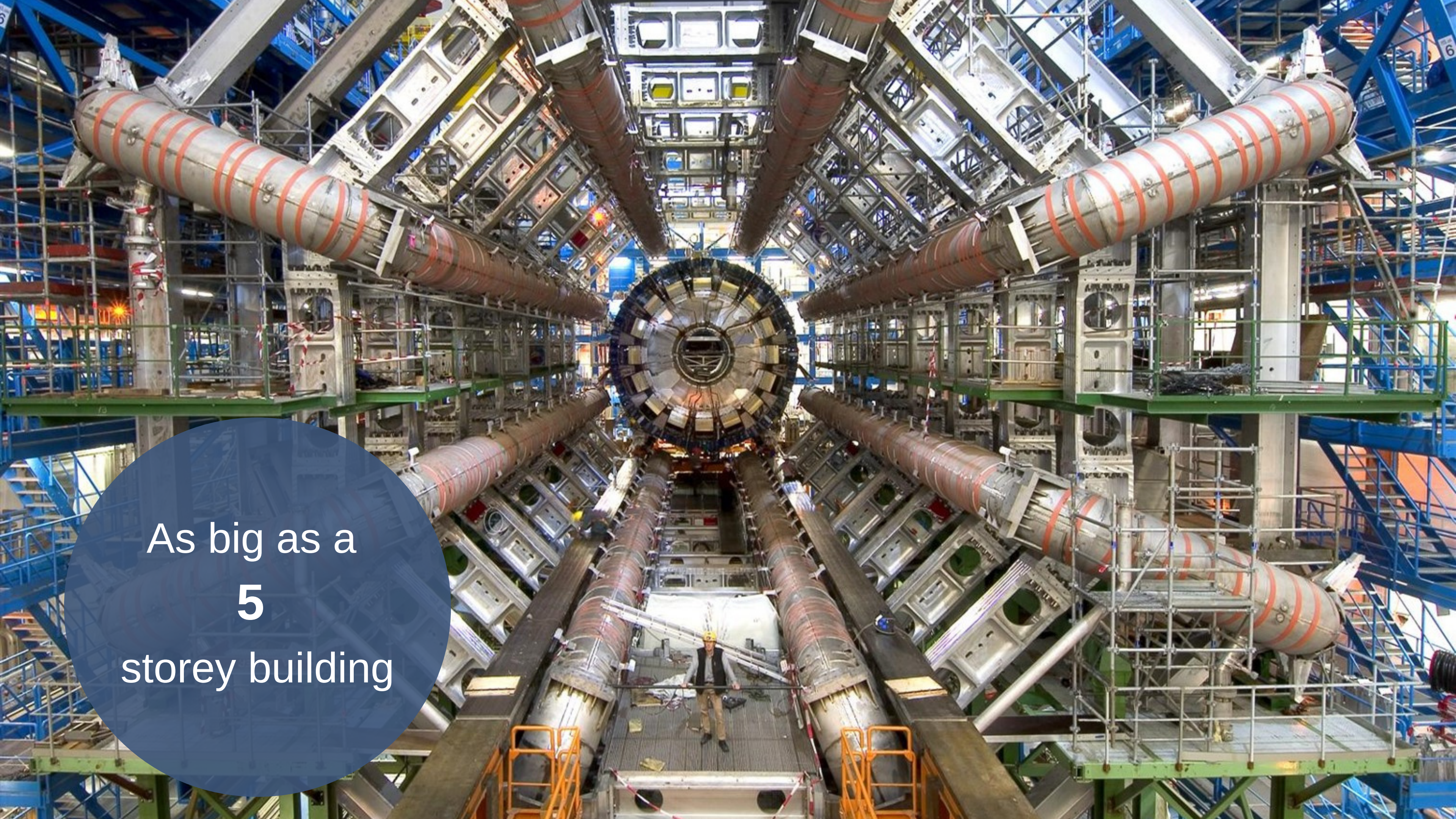
The hottest
spots...in the
Galaxy!



The most SOPHISTICATED DETECTORS ever built



CMS:
Heavier than
the
Eiffel Tower



As big as a
5
storey building

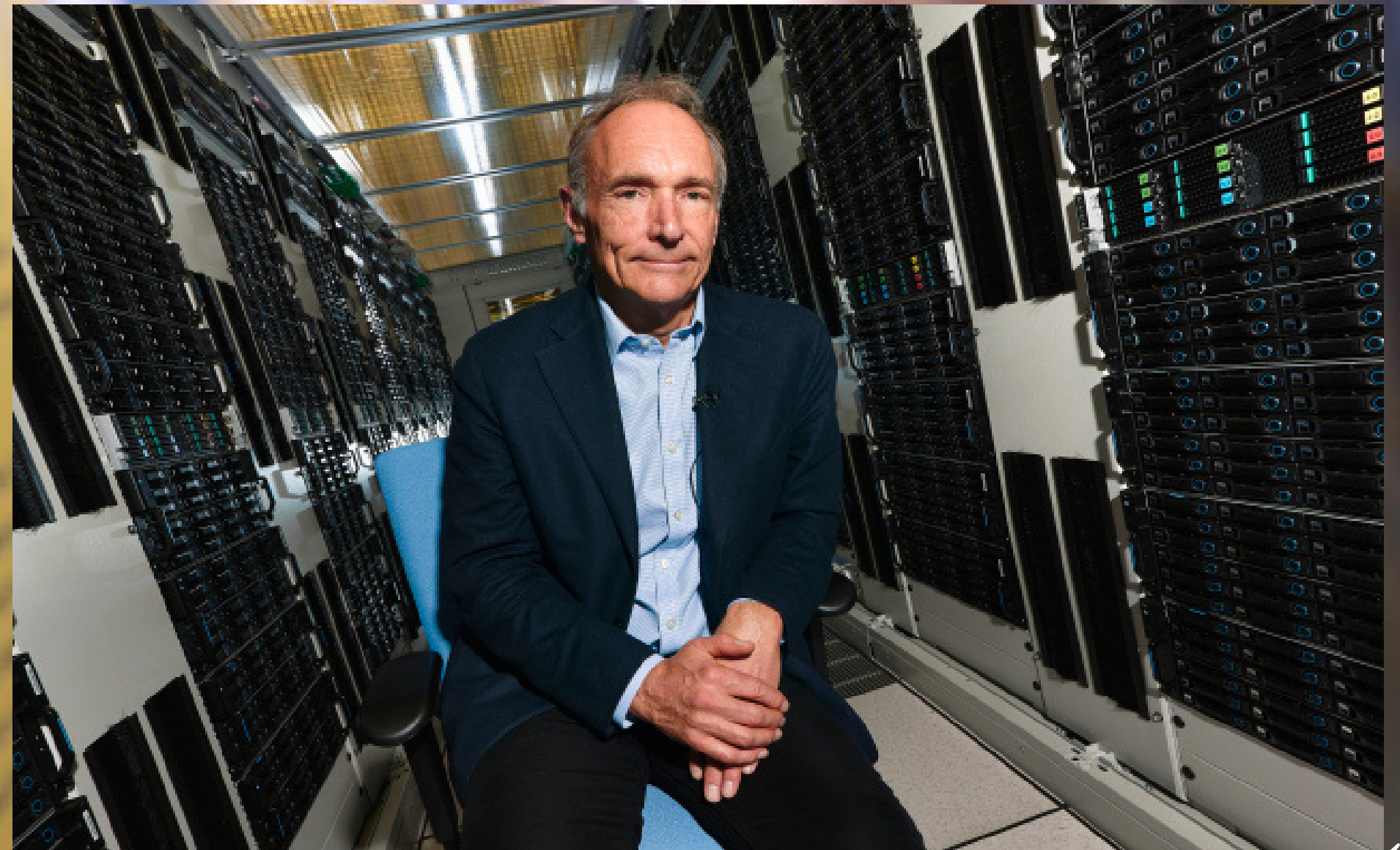
WHERE THE WEB WAS BORN

In the office of the project at the Massachusetts Institute of Technology
Wide Web were developed

Started in 1980 from a project named "Information Systems"
was first divided between a "Networks" and a "Systems"
Networking Division (N) and a "Systems" and "Applications"
Computing to Project (S)

In 1981 the two divisions were merged
It was composed of two divisions: "Systems"
Robert Callan III, and "Applications"
A Computer Science Center

At the end of the project, the
Computer Science Center was
merged with the "Systems" and
the "Applications" divisions
MIT, the Massachusetts Institute of
Technology, and the project was
renamed "Information Systems"

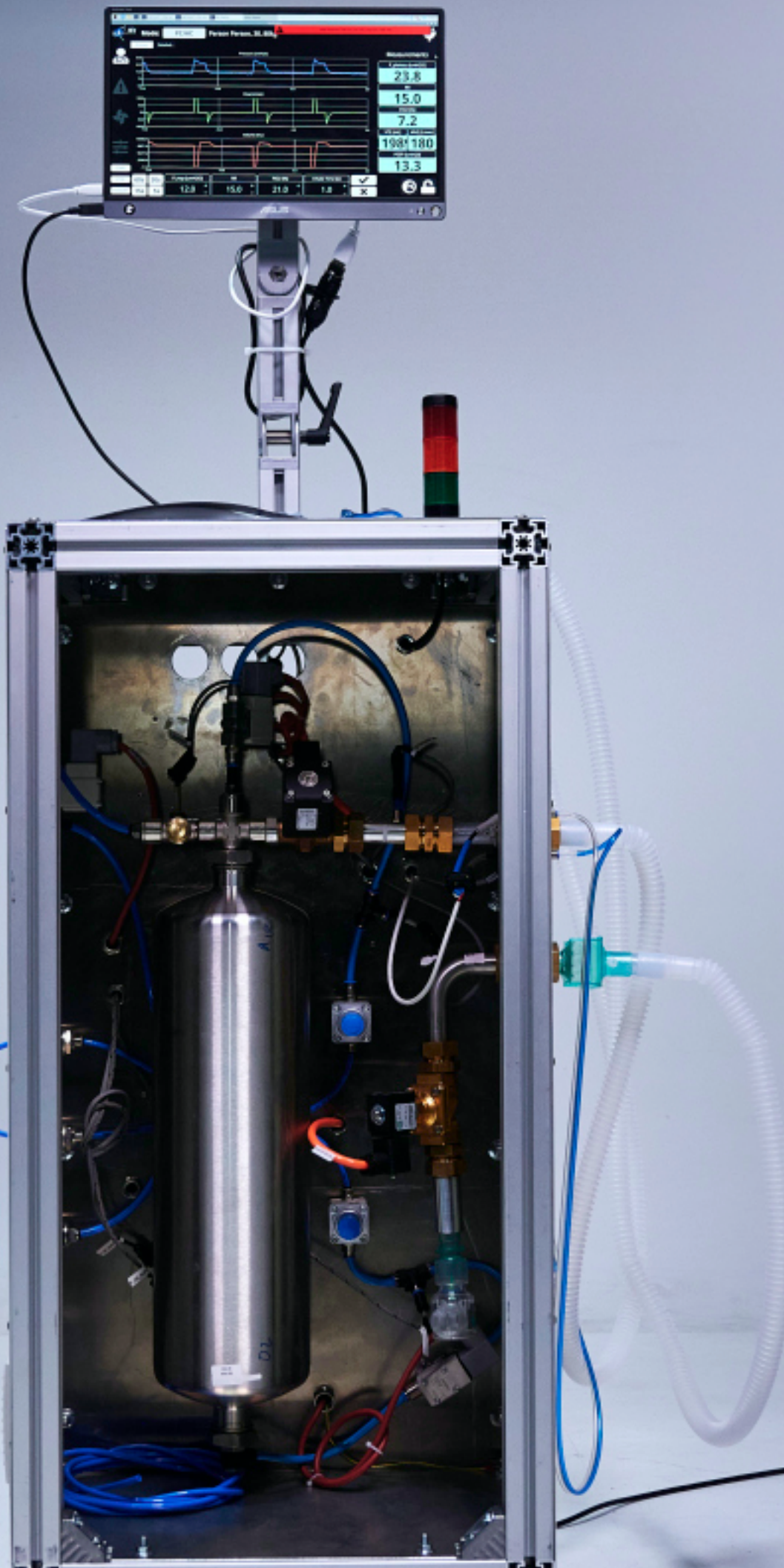




'The nerve centre of the CERN beam systems'



Knowledge Transfer



Aerospace

Industry 4.0

Cultural heritage

Emerging tech

Safety environment

Medical and
biomedical tech

...And more!

You don't need to be a physicist to work at CERN...



Robotics

Telemax inspects zones of radiation. Controlled remotely, it can unscrew and screw in cables, cut wires and carry out other manipulation tasks.



Civil Engineering





Fire and Rescue Service

| Computing





**Communication
and Social Media**

| Welding

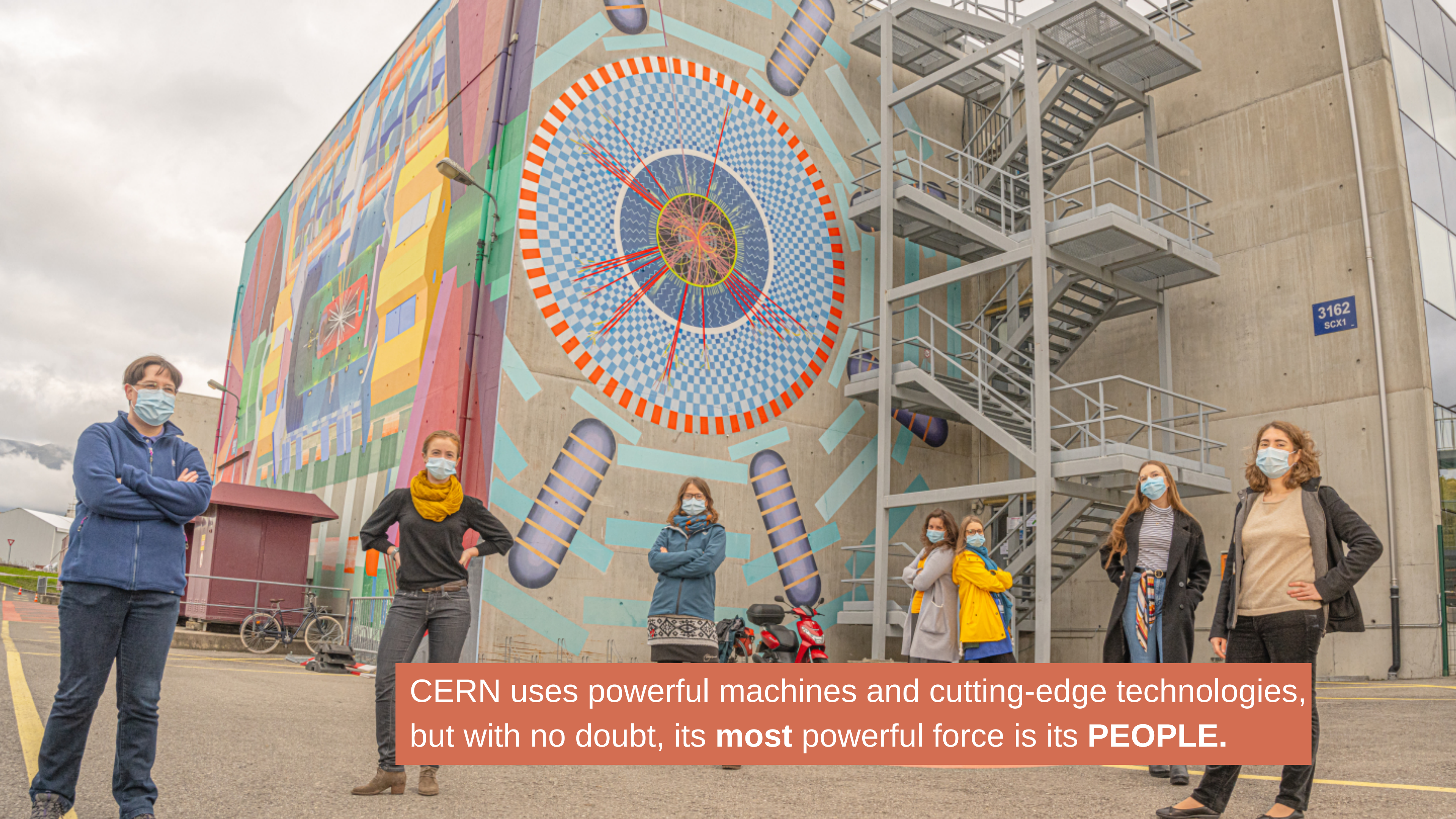




**Sharing knowledge
across all diversity
dimensions**

Working above and underground





CERN uses powerful machines and cutting-edge technologies, but with no doubt, its **most** powerful force is its **PEOPLE**.

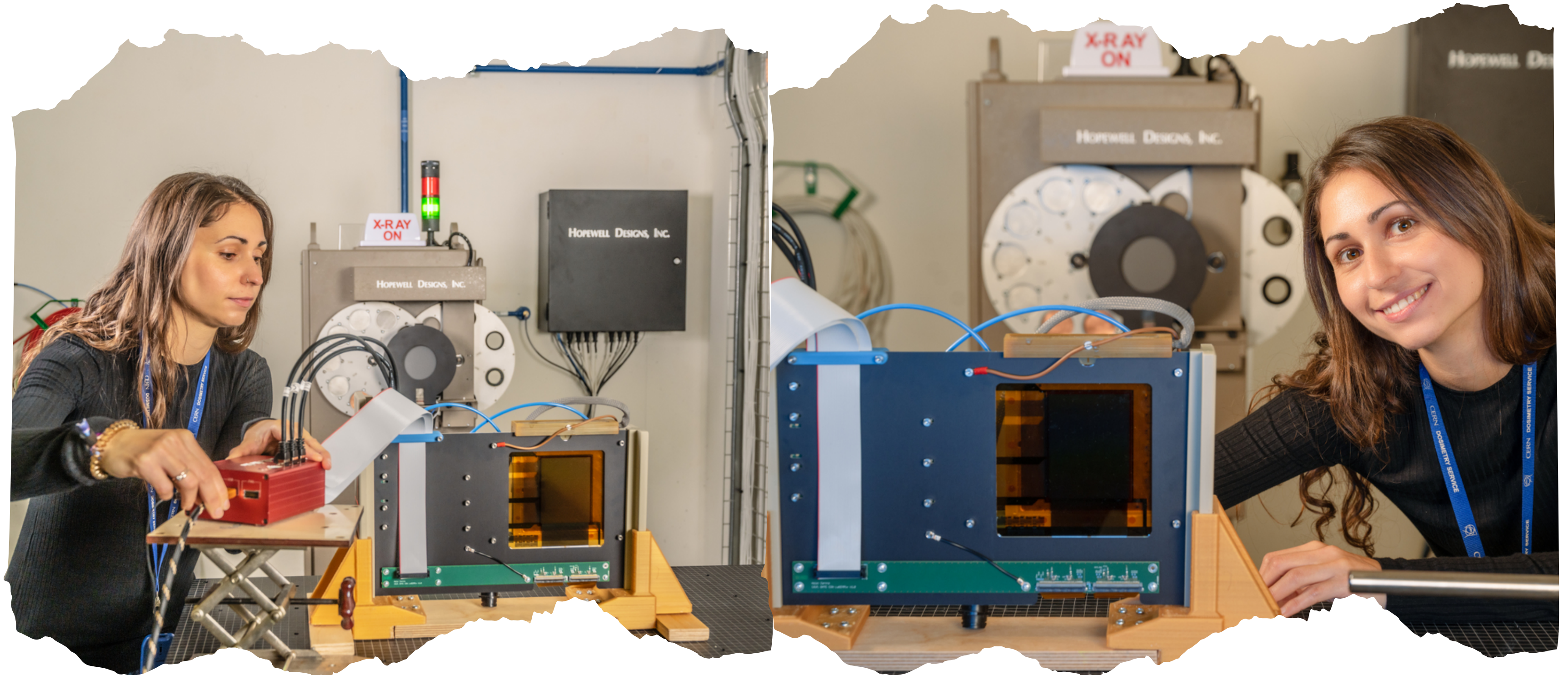
This is US, CERN



Theoretical Physicists



Experimental Physicists



And many Applied Physicists...



Fire Fighters



Back in the 50's



...and today

Civil Engineers



Electrical and Electronics Engineers



Sometimes, some famous people visit us!







How can YOU take part?

careers.cern

PROFESSIONALS & GRADUATES

Staff Members

Experienced Professionals

Origin

Early Career Professionals

Quest

Experienced Project Graduates

Research Fellows

Post-docs

STUDENTS

Short-term Internship Students

Summer Students

Technical & Administrative Students

Doctoral Students

Short-term Internship Programme

c.100 positions/year

Fields: Physics, engineering, computing, administration

Length: from 1 up to 6 months

Eligibility: be a full-time student at undergraduate level (post-secondary). This includes technical/vocational qualifications, associate degree, bachelor's and master's degrees.

Features: living allowance of 1,516 Swiss Francs per month (net of tax);

A practical training period or a place to complete your final technical school/university project;

A technical project with a CERN supervisor;

Annual leave (pro-rata).

Timeline: applications can be submitted all year round

Technical Student Programme

c.200 positions/year

Fields: Applied physics, engineering, computing

Length: 4 to 12 months

Eligibility: Completed 18 months of undergraduate studies before applying

Features: living allowance of 3,407 Swiss Francs per month (net of tax);
A practical training period or a place to complete your final dissertation;
A technical project with a CERN supervisor;
Health insurance;
Possibility to attend French/English language course on-site
6 weeks annual leave, plus 2 additional weeks due to CERN's closure;
Travel costs on arrival and departure.

Selections committee run 3x per year (February, June, and October)

Administrative Student Programme

c.30 positions/year

Fields: translation, human resources, advanced secretarial work, logistics, law, finance, library and information science, engineering management, science communication, education, audiovisual, communication and public relations etc.

Length: 2 to 12 months

Eligibility: Completed 18 months of undergraduate studies before applying

Features: living allowance of 3,407 Swiss Francs per month (net of tax);
A practical training period or a place to complete your final dissertation;
A technical project with a CERN supervisor;
Health insurance;
Possibility to attend French/English language course on-site
6 weeks annual leave, plus 2 additional weeks due to CERN's closure;
Travel costs on arrival and departure.

Selections committee run 3x per year (February, June, and October)



Summer Student Programme

c.300 positions/year

In addition to the **work in the experimental teams**, students attend a **series of lectures** specially prepared for them. Several scientists from around the world share their knowledge about a wide range of topics in the fields of theoretical and experimental particle physics and computing. **Visits to the accelerators** and experimental areas are also part of the programme, as well as **discussion sessions**, **workshops** and a **poster session**.

Fields: physics, engineering, computing

Length: 8 to 13 weeks, during summer

Eligibility: Completed 3 years of undergraduate studies

Timeline: applications will re-open in November 2023 with a deadline to apply in January 2024 and the selection will be confirmed in April 2024.

Doctoral Student Programme

c.80 positions/year

Fields: applied physics, engineering, computing

Length: 6 months - 3 years

Eligibility: enrolled in a doctoral programme

Features: a technical project, leading to a PhD thesis co-supervised by the university thesis advisor and a CERN staff member;

A subsistence allowance, incl. health insurance, of 3818 Swiss Francs per month (net of tax);

Possibility to attend French/English language course on-site

6 weeks annual leave, plus 2 additional weeks due to CERN's closure;

Travel costs on arrival and departure.

Selections committee run 3x per year (February, June, and October)



Early Career Professionals

c.300 positions/year



Fields: applied physics, engineering, computing, administration

Length: 6 months - 3 years

Eligibility: holder of a general secondary education diploma or higher diploma, up to Master's degree, and max. 2 years of relevant work experience after highest degree

Features: on-the-job learning;

A stipend ranging from 4500 up to 5500 Swiss Francs per month (net of tax);

Health Insurance (incl. for family members);

CERN Pension Fund;

Training & continuous development courses available e.g. EN/FR language course;

Other benefits may include: an installation grant, family allowances, payment of travel expenses at the beginning and end of the contract.



Experienced Project Graduates

c.100 positions/year



Fields: applied physics, engineering, computing, administration

Length: 6 months - 3 years

Eligibility: Master's degree with 2 to 6 years of relevant work experience or holder of a PhD with up to 3 years of relevant work experience.

Features: work on a specific project from start to finish
A stipend ranging from 6050 up to 6650 Swiss Francs per month (net of tax)
Health Insurance (incl. for family members)
CERN Pension Fund
Other benefits may include: an installation grant, family allowances, payment of travel expenses at the beginning and end of the contract



Research Fellows

c.40 positions/year

Fields: physics, engineering, computing

Length: 6 months - 3 years

Eligibility:

Theoretical and Experimental Physics: PhD with up to 6 years of relevant work experience

Applied Sciences and Engineering: PhD with up to 3 years of relevant experience

Features: define and carry on own research

A stipend ranging from 6650 up to 7050 Swiss Francs per month (net of tax)

Health Insurance (incl. family members)

CERN Pension Fund

Other benefits may include: an installation grant, family allowances, payment of travel expenses at the beginning and end of the contract

Staff
(Experienced Professionals)

c.150 positions/year

Fields: Physics, engineering, computing, and administrative

Length: up to 5-year initial limited duration contract. Subject to certain conditions, holders of limited-duration contracts may apply for an indefinite position.

Eligibility: From apprenticeship to PhD

Recruitment Process

Online Application



Video Interview



Interview



Selection



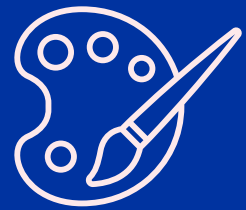
Offer



Network & support @CERN



Visual Arts club



Martial arts club



Basketball

Choir



Golf club

Scuba club

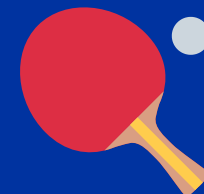
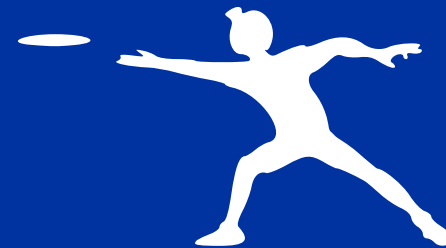


Croquet

Canoe, kayak, dragon boat club



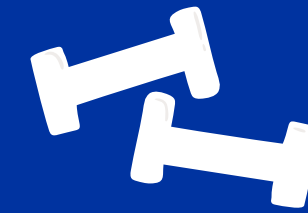
Frisbee



And many more!



Fitness club



Yachting club



Learn classical music



A town within a town

On-site, CERN has a bank, kindergarten, post-office, travel agency and library, not to mention access to three restaurants and free parking every day.

From music to sports to photography, the list goes on and on. You can't help but find something that floats your boat (maybe the yachting club?).



Follow CERN!



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CERN



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@CERN



@CERN



CERNJOBSTV

Over to you! Any questions?

Contact Us

CERN| Talent Acquisition
recruitment.service@cern.ch

