



What does CERN stand for?

Conseil Européen pour la Recherche Nucléaire European

Council for

Nuclear

Research

1953



Member States

Budget (2023) 1.2 billion CHF

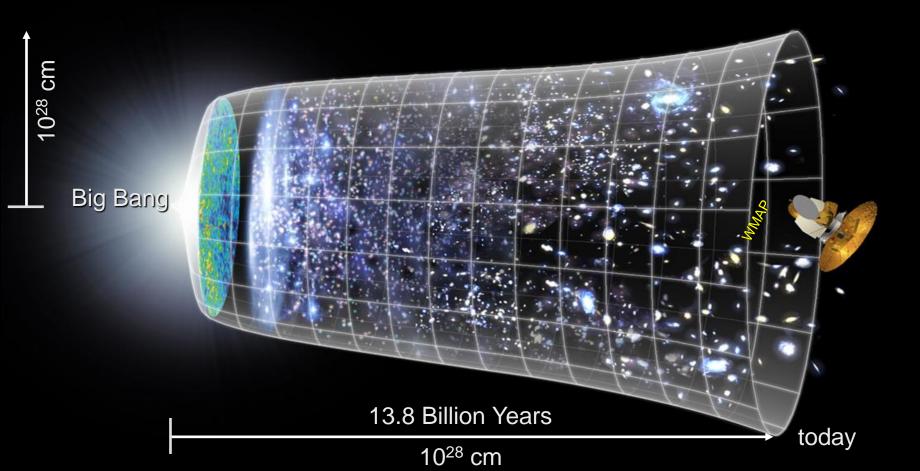




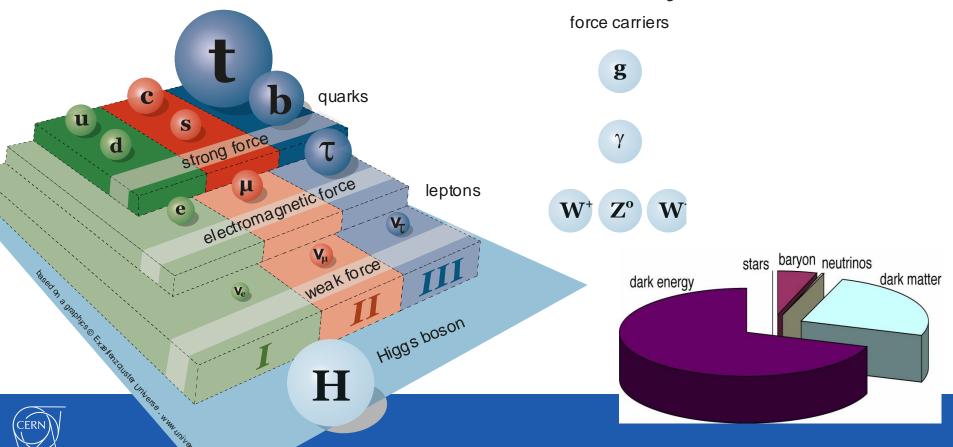


The Scientific Challenge

Research on the Development of the Universe

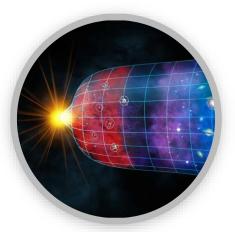


Standard Model of Particle Physics



R esearch Questions

Early Universe



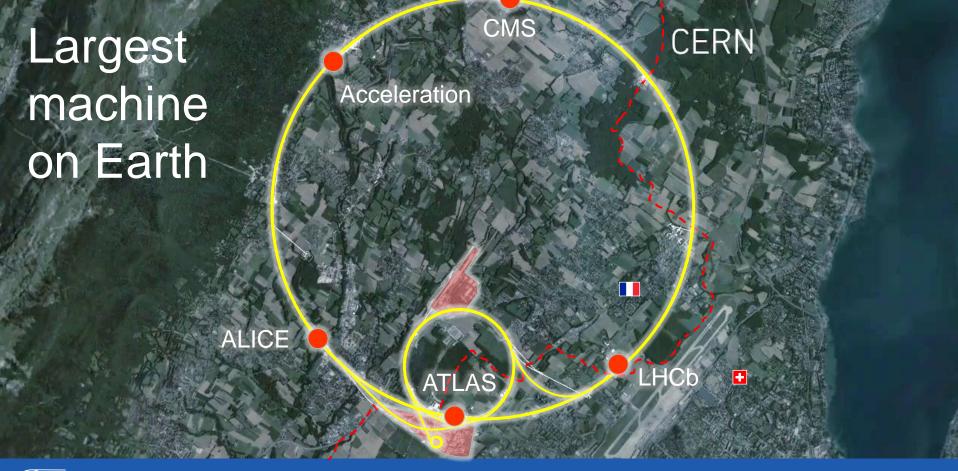
Anti-Matter



Dark Matter







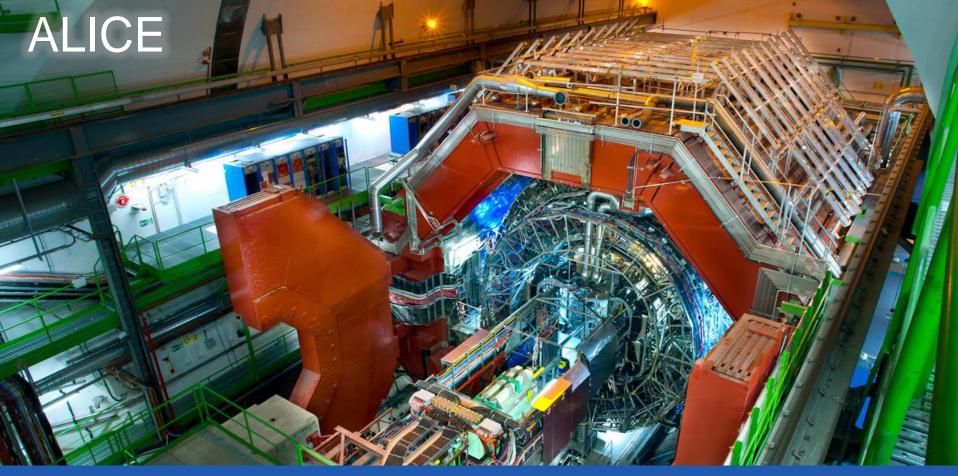
















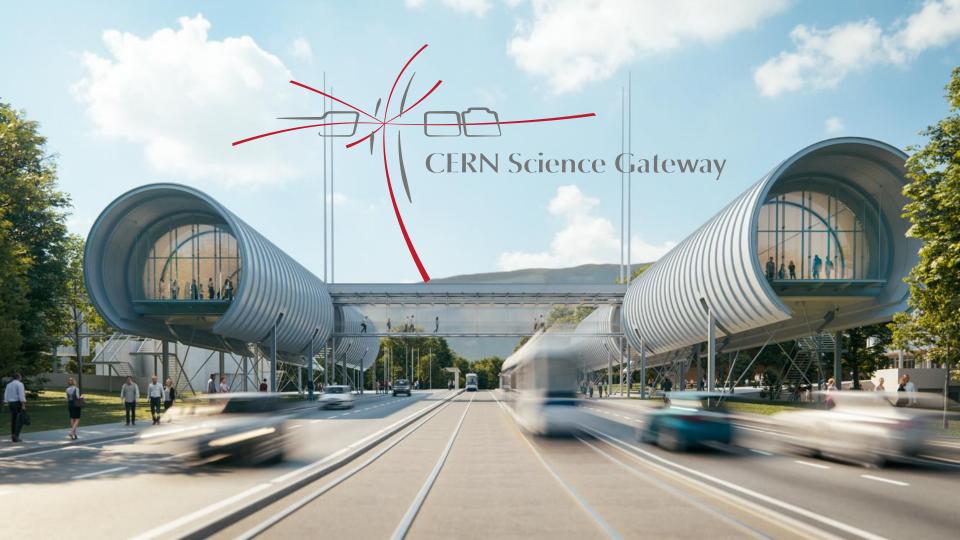


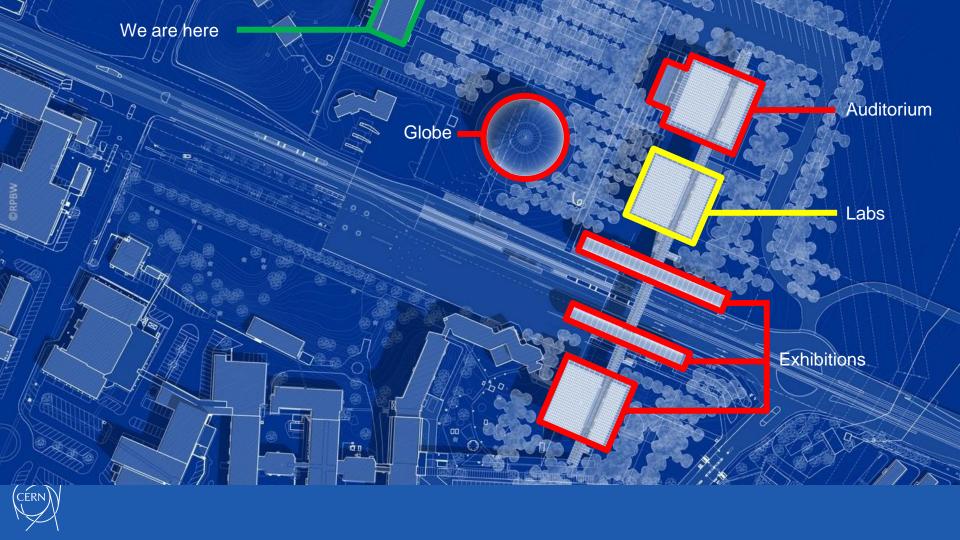
The largest computing grid

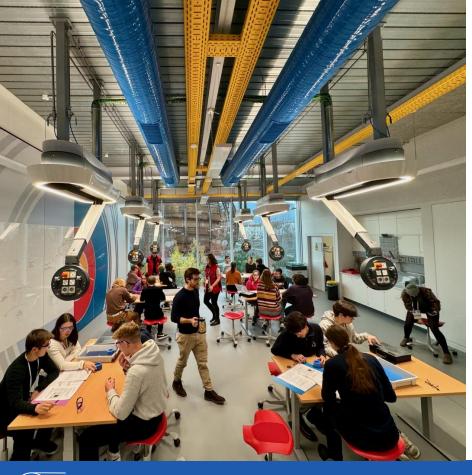












2 Modular Labs

- Discover your inner scientist
- Get hands-on with the science and technologies of CERN
- Focus on independent experimentation and teamwork
- 24 participants per workshop
- For ages 5 and up
- 45-90 min



Portfolio of Lab Workshops























Participants in Lab Workshops

- 20 000 per year (expected)
 - 50% school groups (5-19y)
 - 40% families & individuals
 - 10% teacher groups & other
- >30 countries & languages
- Facilitated by volunteering guides from CERN's (scientific) community with the support of the labs team (≈ 4 people)







