

# CERN in 10 minutes

(well... approximately)



Slides courtesy François Briard, International Relations







### What does « CERN » stand for?

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## What does « CERN » stand for?

European
Organization for
Nuclear
Research





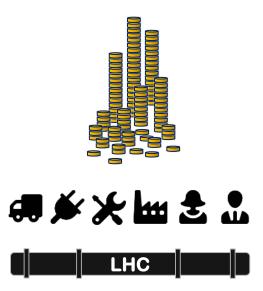




#### Member states



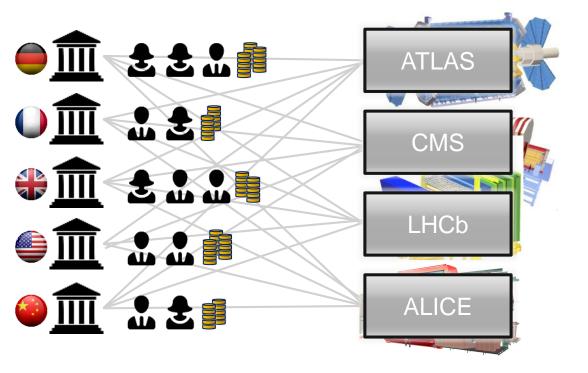
ca 1 Bn CHF







#### Collaborations





#### A world collaboration

21 members

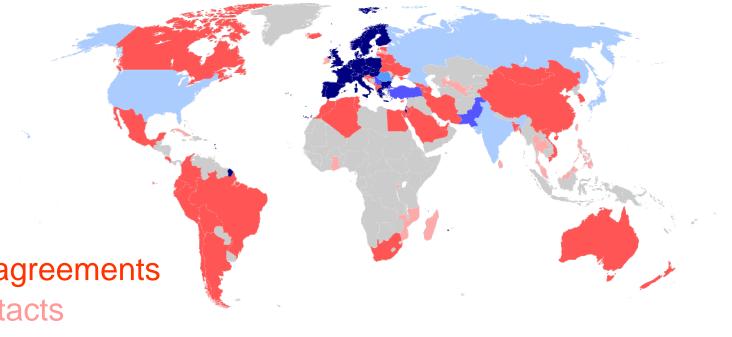
3 associates

1 candidate

**Observers** 

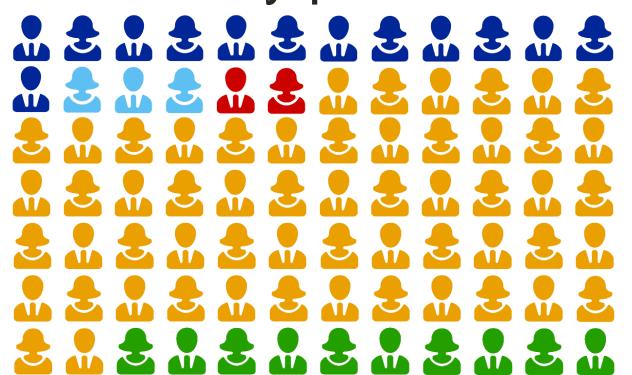
Cooperation agreements

Scientific contacts





## How many persons?





2'500 staff

600 fellows & apprentices

500 students

11'000 users

2'000 external companies









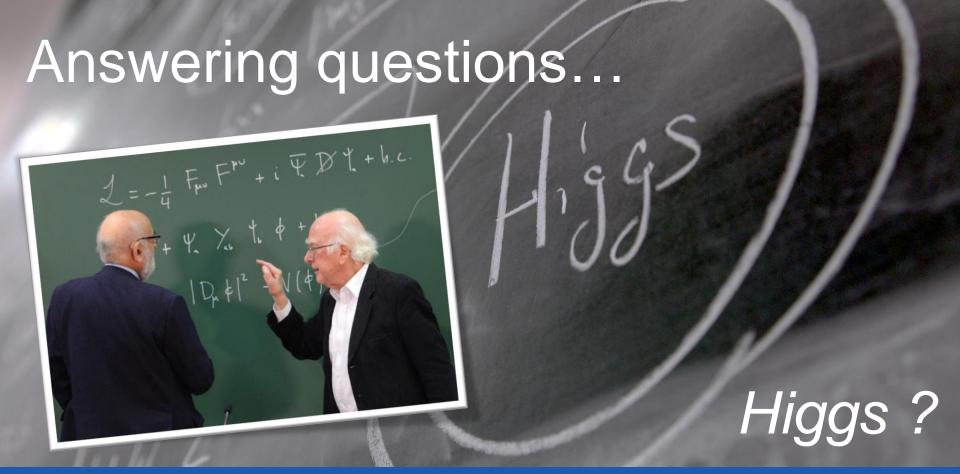


## Answering questions...



Antimatter?



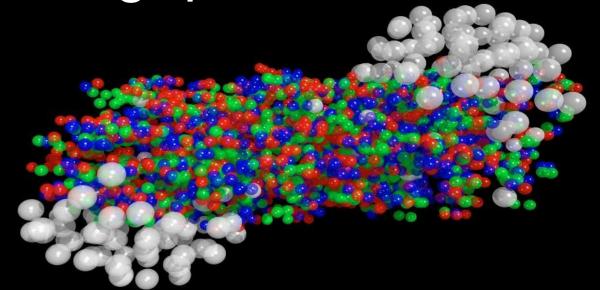








# Answering questions...



Quark-gluon plasma?















# Accelerating and colliding



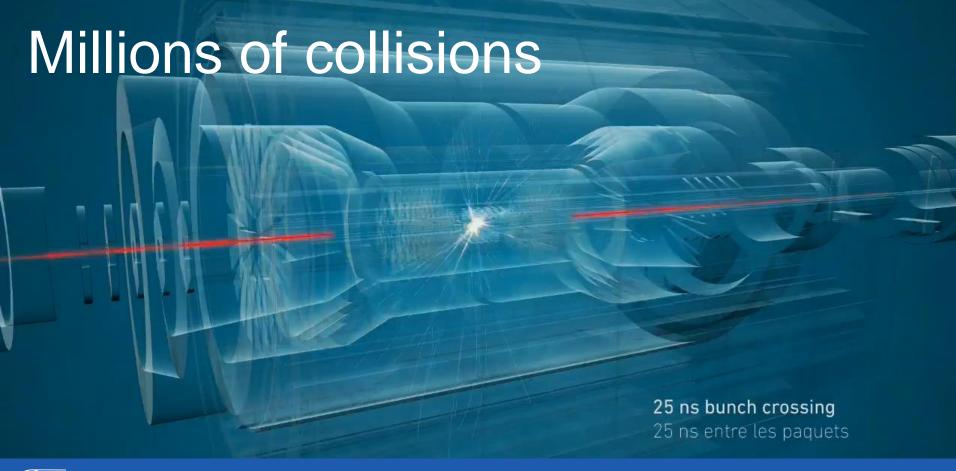


Φ= MDZ

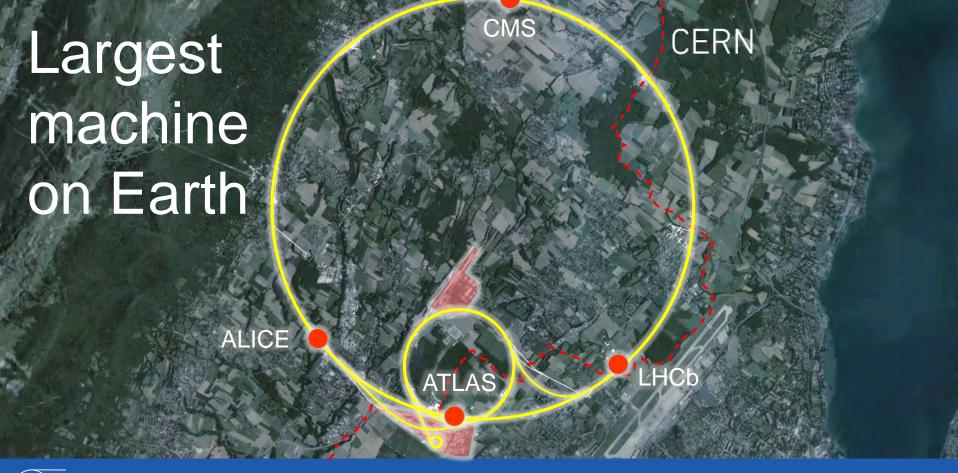
# Accelerators chain



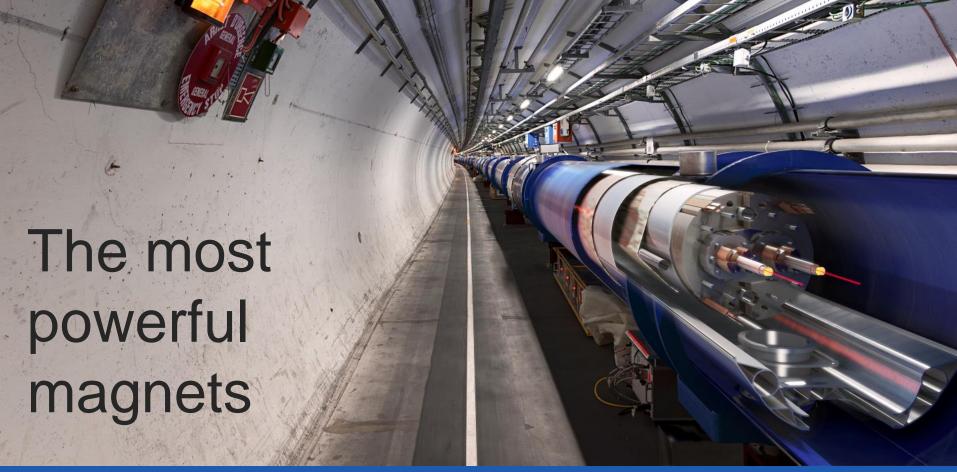














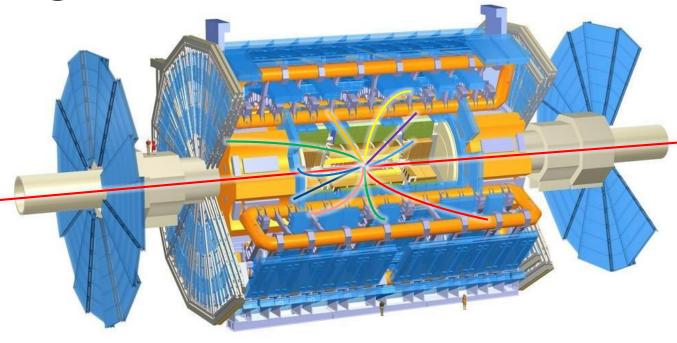








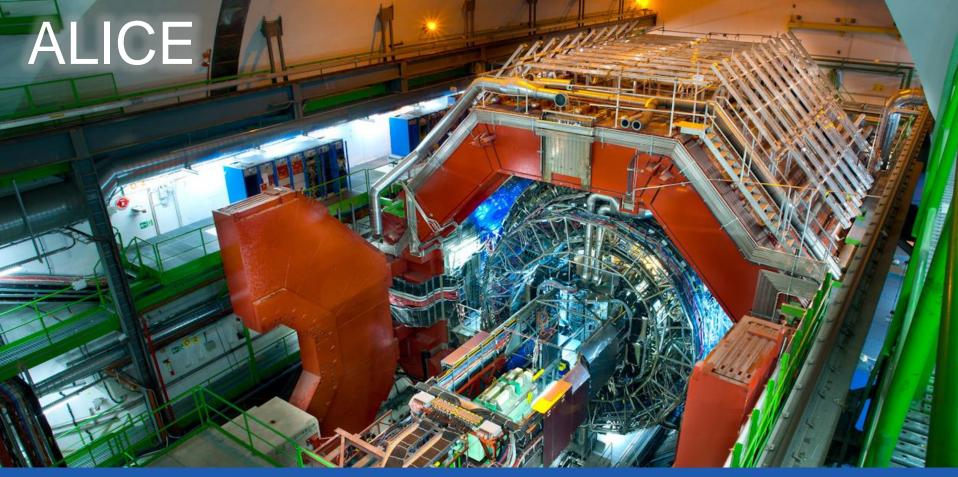
## The largest detectors





















The largest computing grid



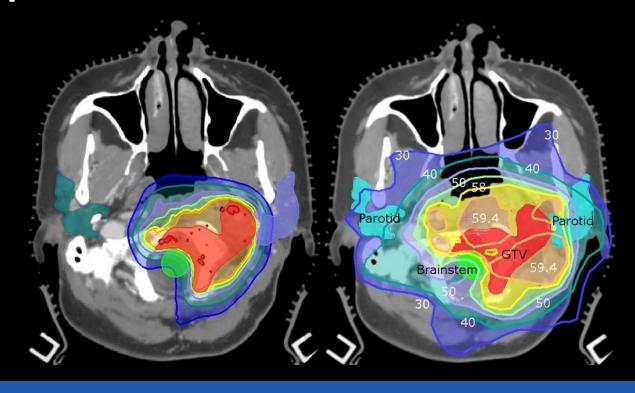




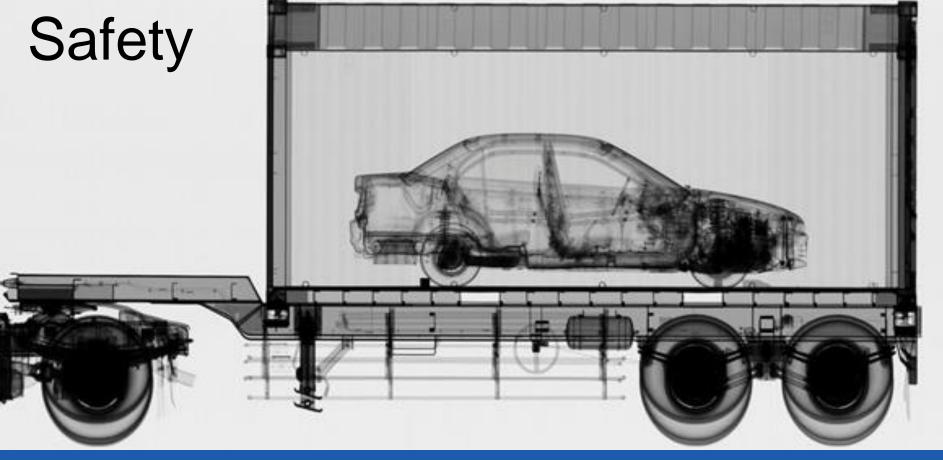




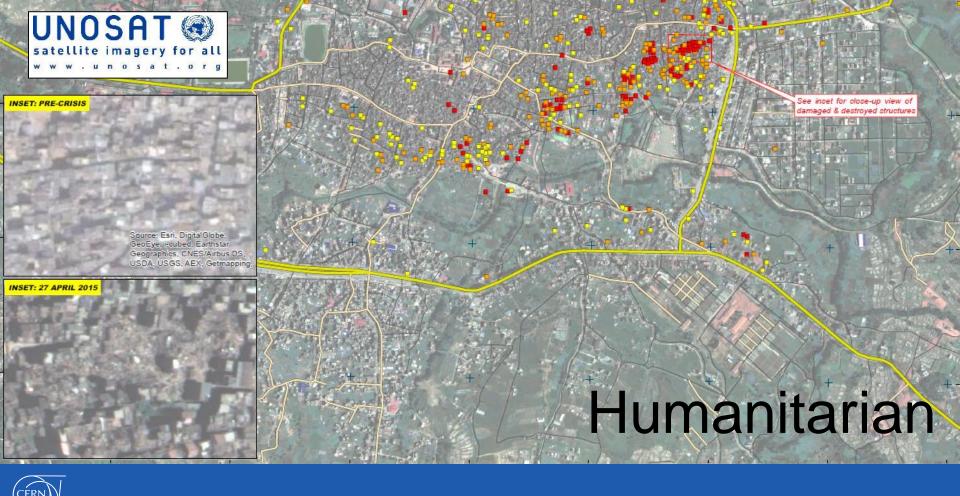
# Medical applications













### Some links...

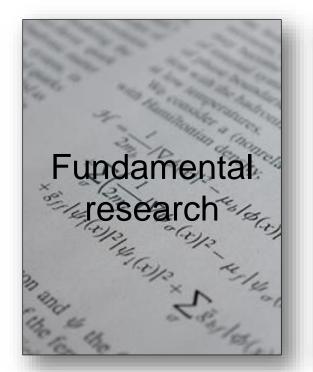
Information: www.cern.ch

CERNTV: youtube.com/cern

Recruitment: www.cern.ch/jobs



#### In a nutshell...









« Magic is not happening at CERN, magic is being explained

at CERN. »

#### Tom Hanks

Presentation available on www.cern.ch/briard





