



What does « CERN » stand for?

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What does « CERN » stand for?

European
Organization for
Nuclear
Research









Member states



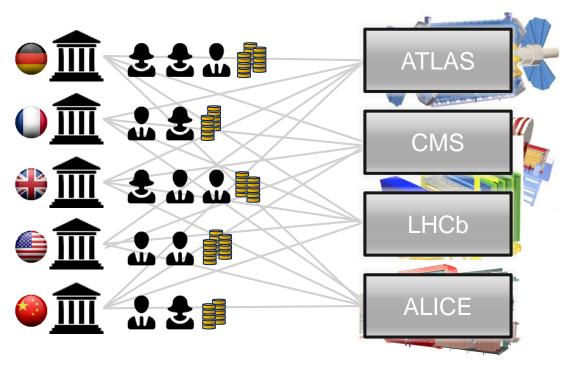
Ca 1 Bn CHF







Collaborations





Global collaboration

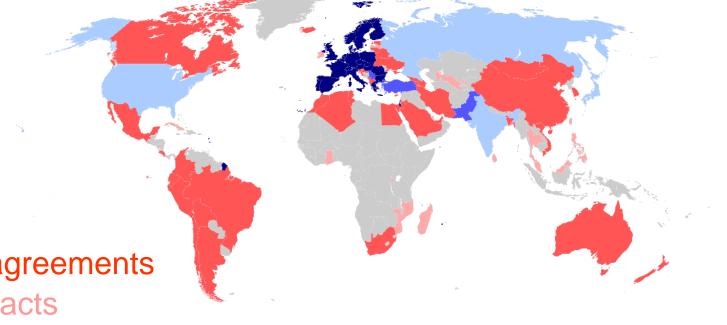
22 members

3 associates

5 observers

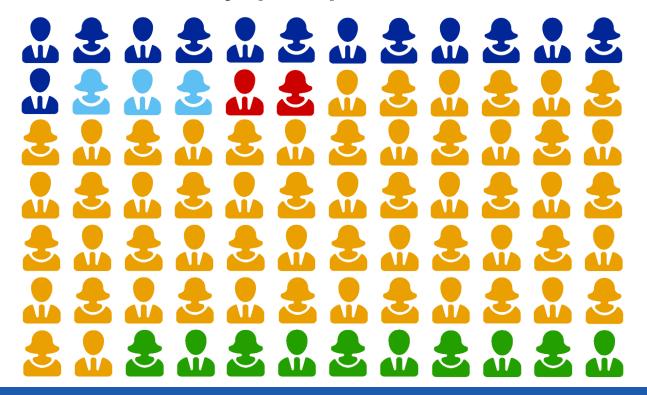
Cooperation agreements







How many people?





2'500 staff

600 fellows &

apprentices

500 students

11'000 users

2'000 external companies

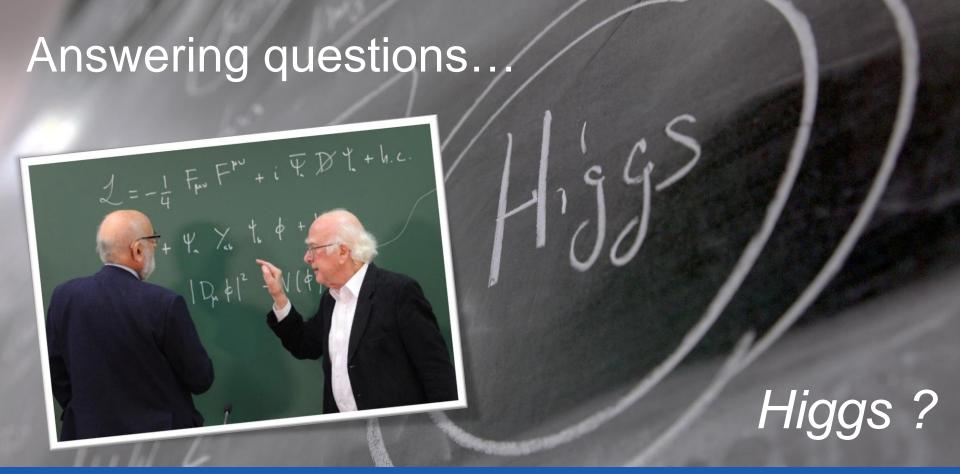




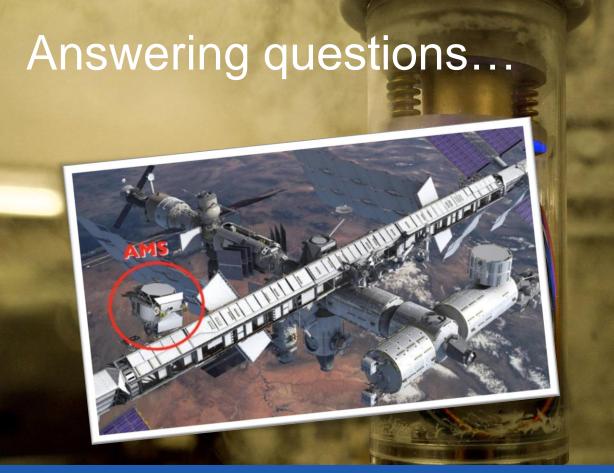












Antimatter?





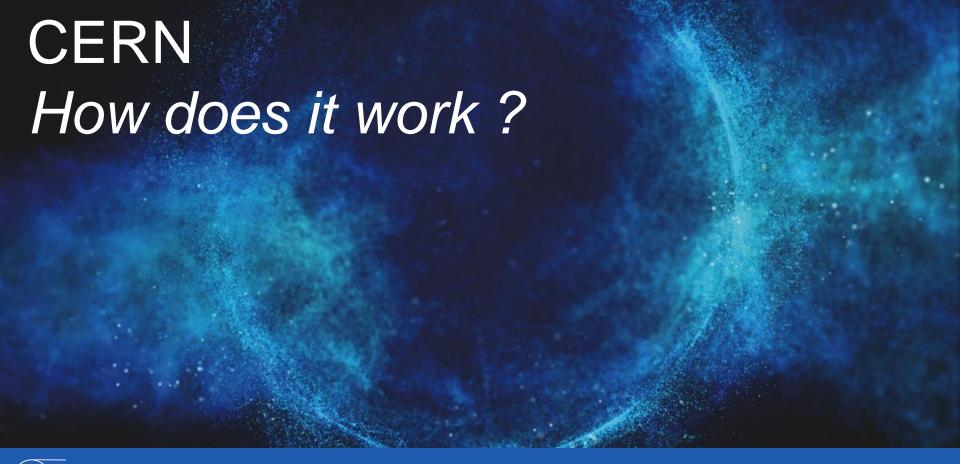














Accelerating and colliding





Φ= ND2

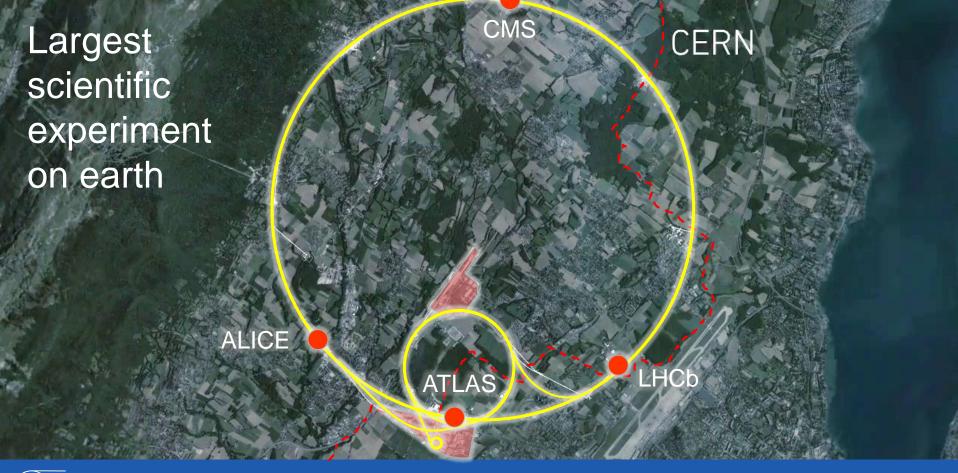
Accelerators chain

















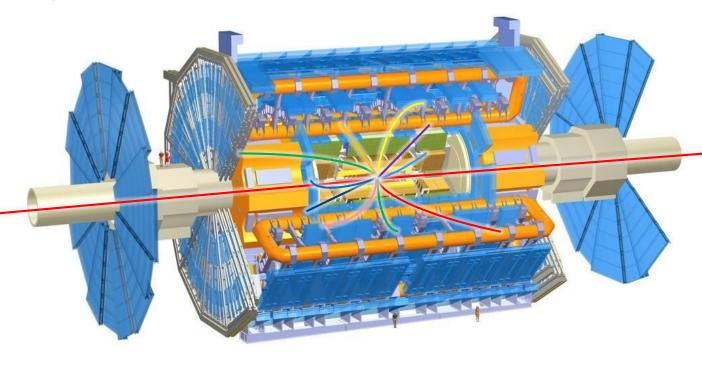








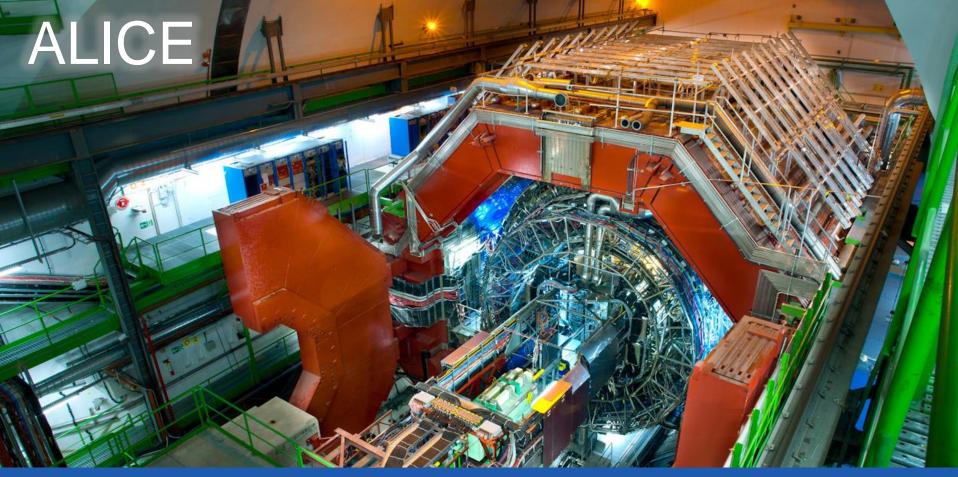
The largest detectors





















The largest computing grid



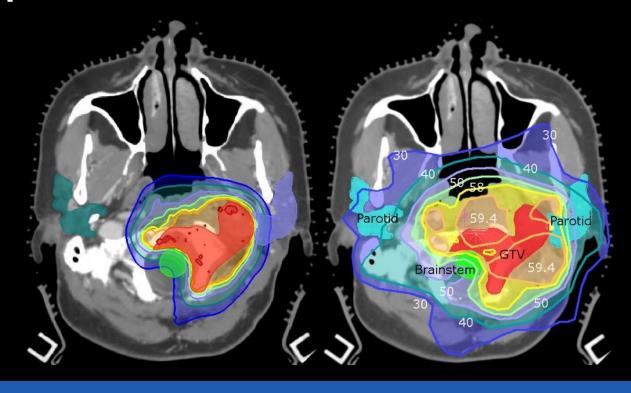




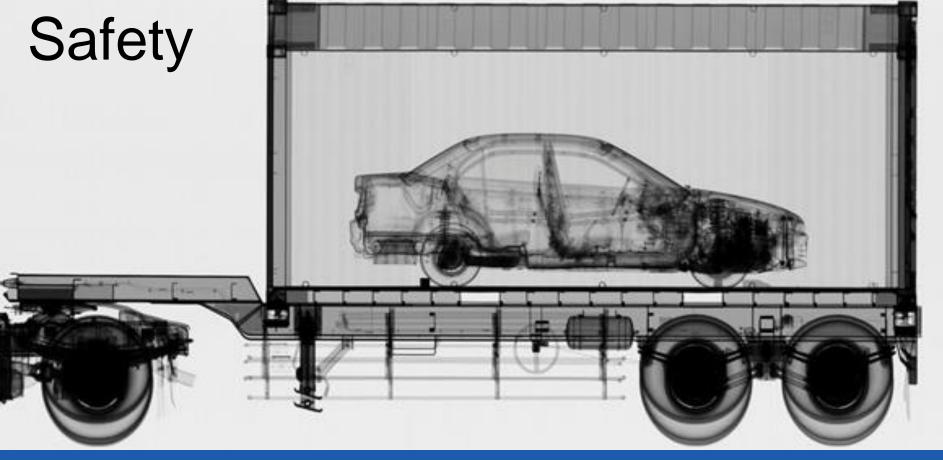




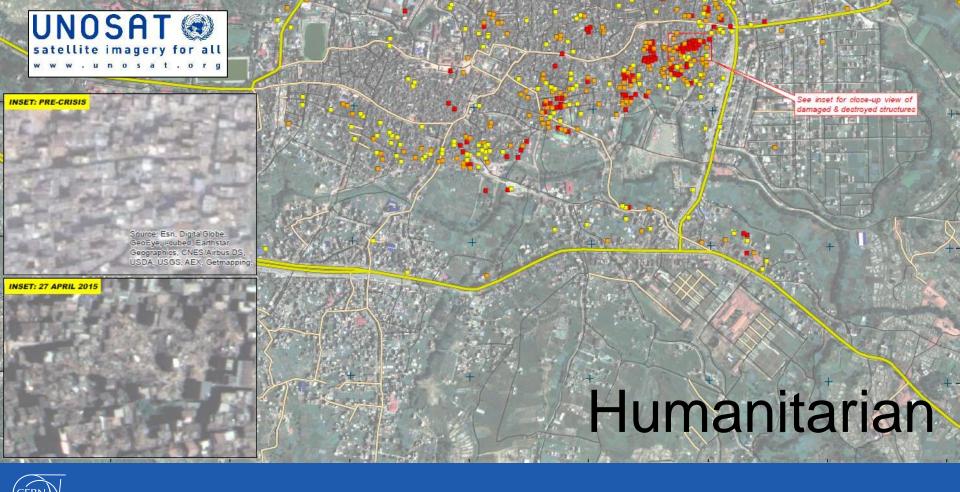
Medical applications













Future...?

·Compact Linear Collider (CLIC) / Future Circular Collider (FCC)

