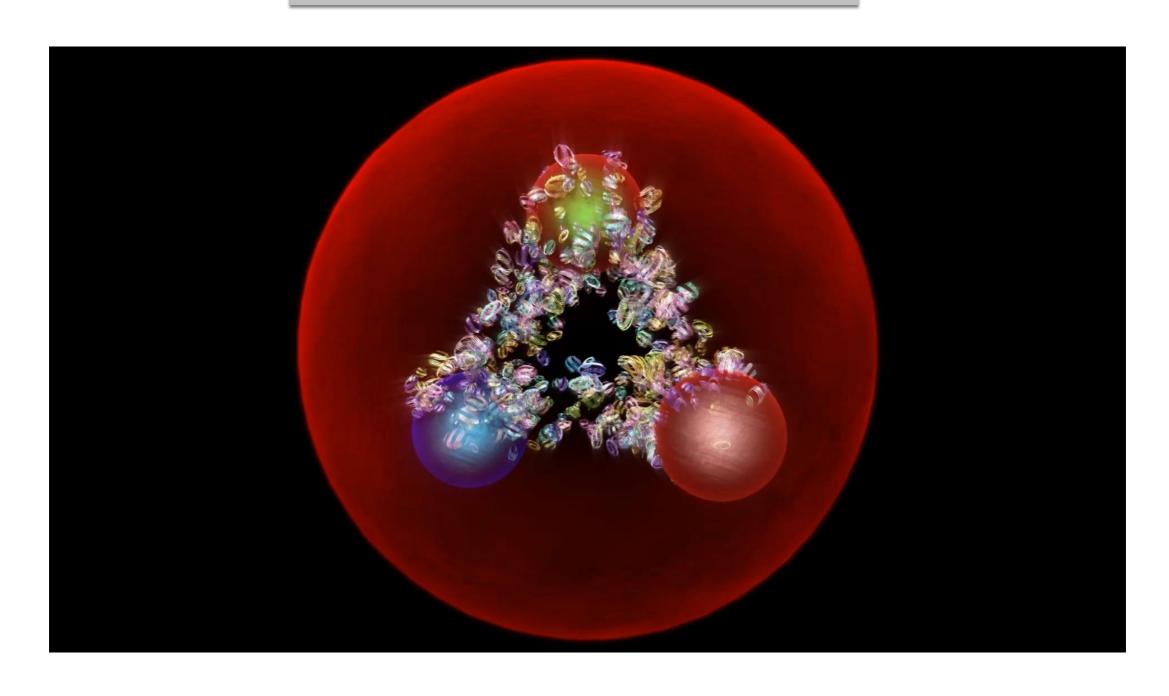
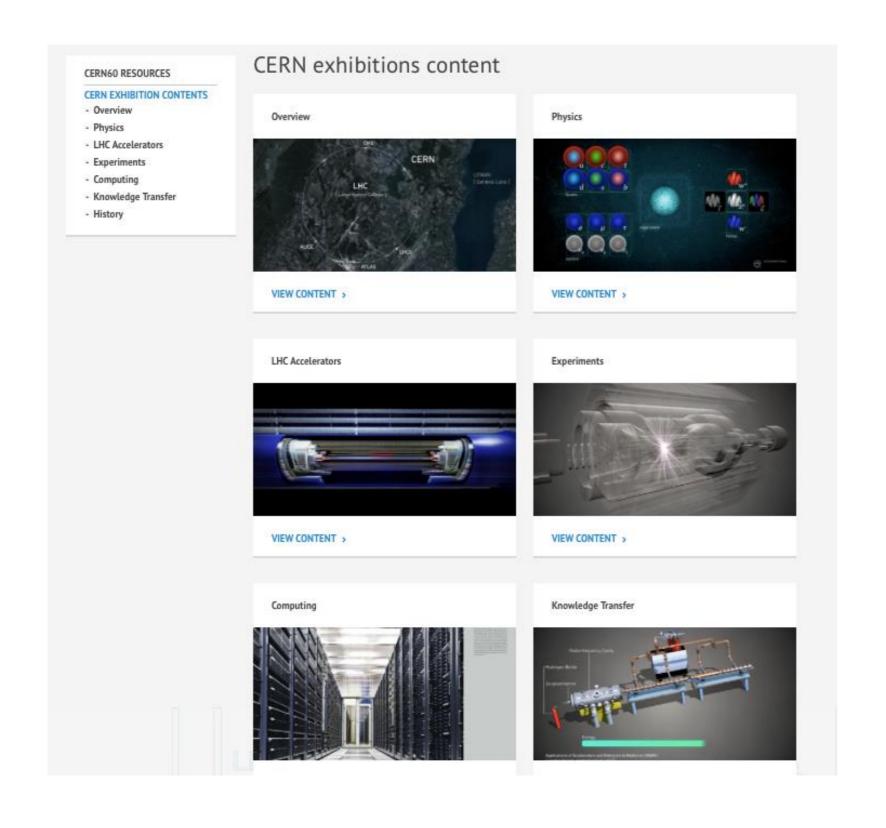
WORKING GROUP "RESOURCES ON PARTICLE PHYSICS"

How to bring particle physics into the class room

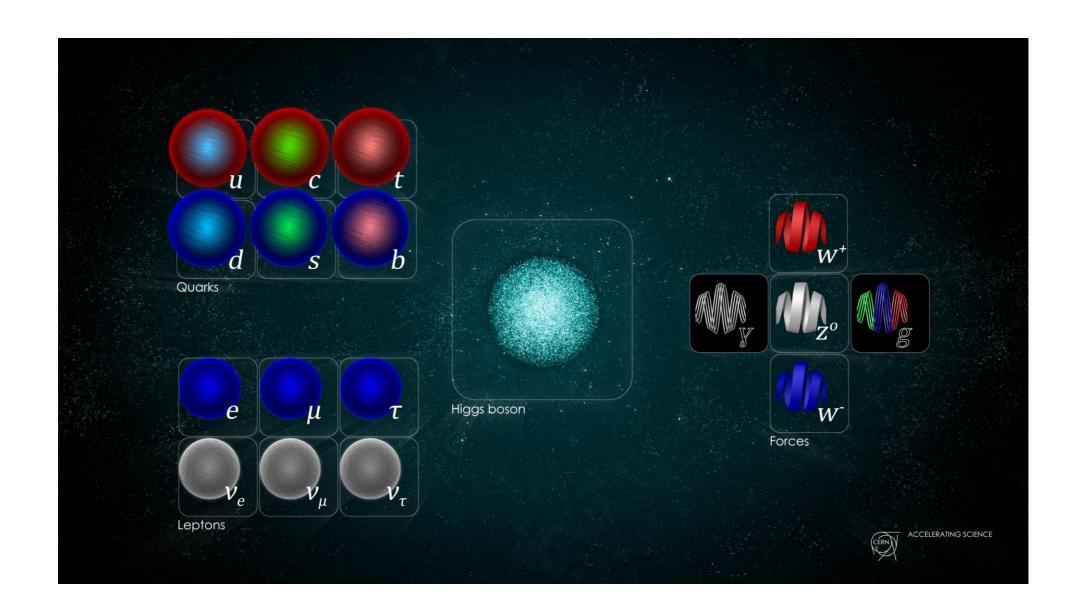
"A picture says more than 1000 words"



http://cern60.web.cern.ch/en/cern-exhibitions-content

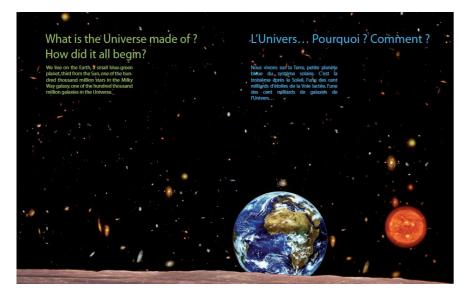


POSTERS - TO PUT UP IN THE CLASSROOM



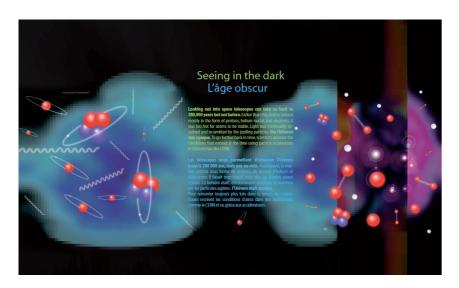
Quarks / Leptons/ Exchange particles/Higgs

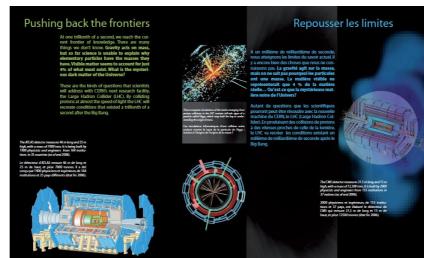
17 POSTERS - TO PUT UP IN THE CLASSROOM

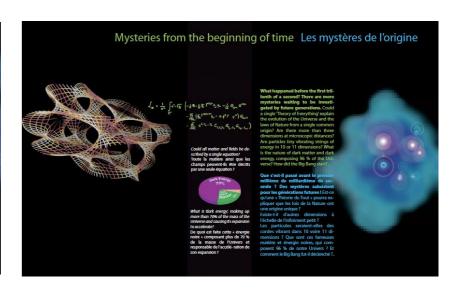






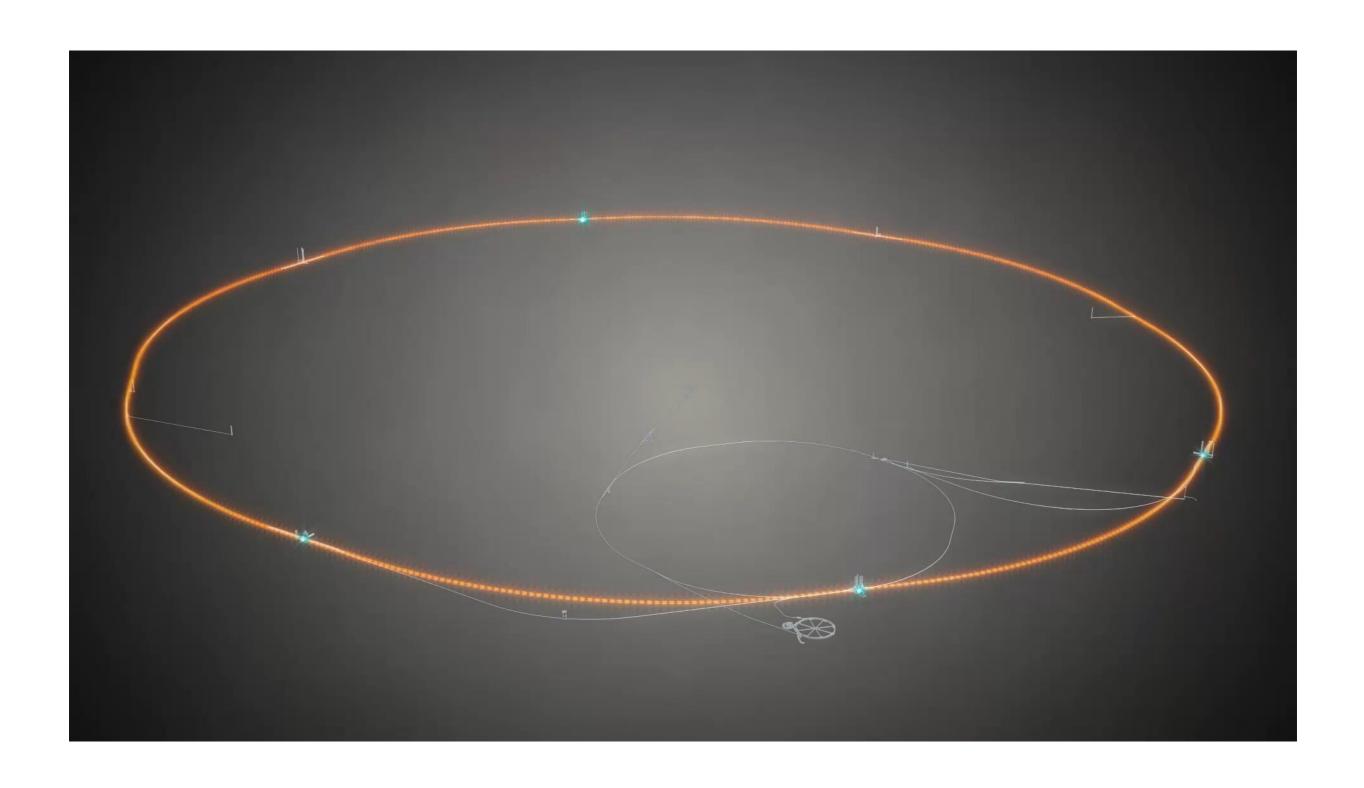






The main epochs in the evolution of the Universe

ANIMATIONS - TO SHOW IN THE CLASSROOM



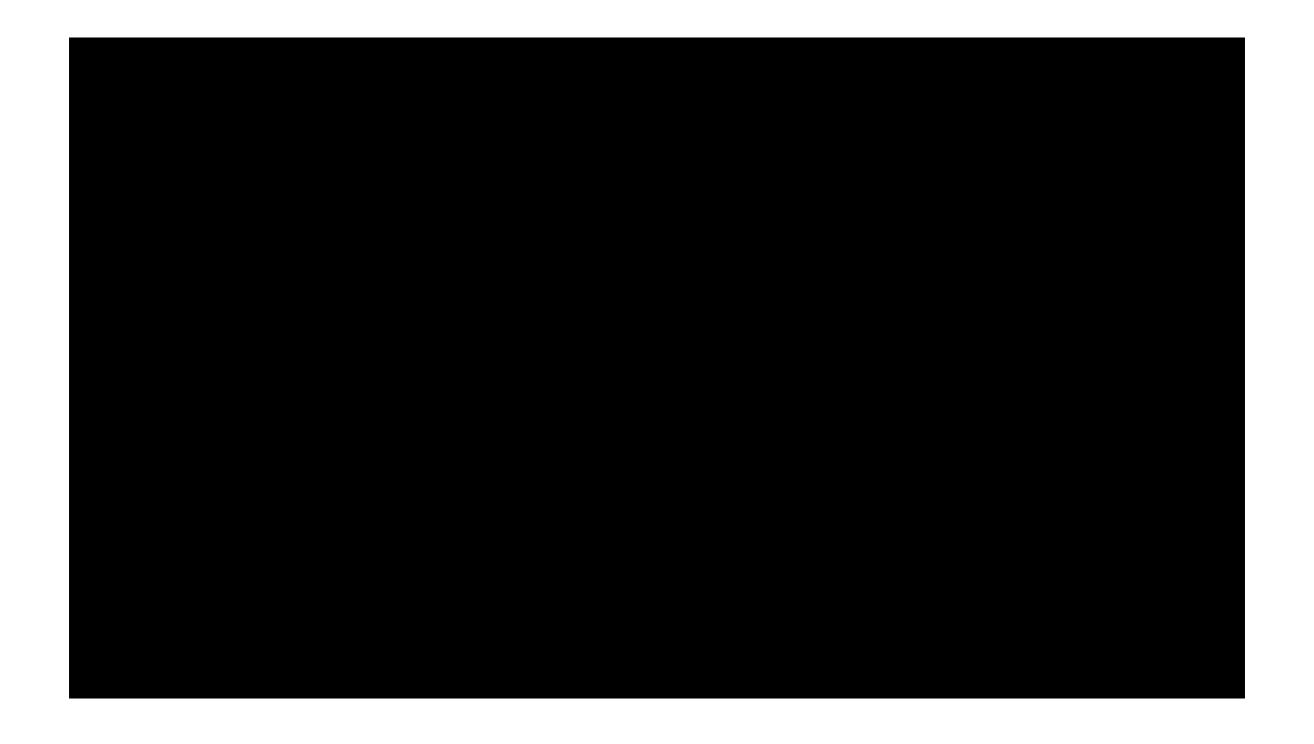
Collimator in LHC



Size of the beam in LHC



RF cavity in LHC



Resources Working Group - ROAD MAP

How to integrate animations into lesson plans on particle physics

Which type of 3 D animation would you like ???

Suitable for 14-15 year olds, possible extension to 16-18 years

Inspiring and motivating, not (too) much mathematics

- 1 How does CERN work?
- 2 Particle physics and cosmology
- 3 Computing and medical applications