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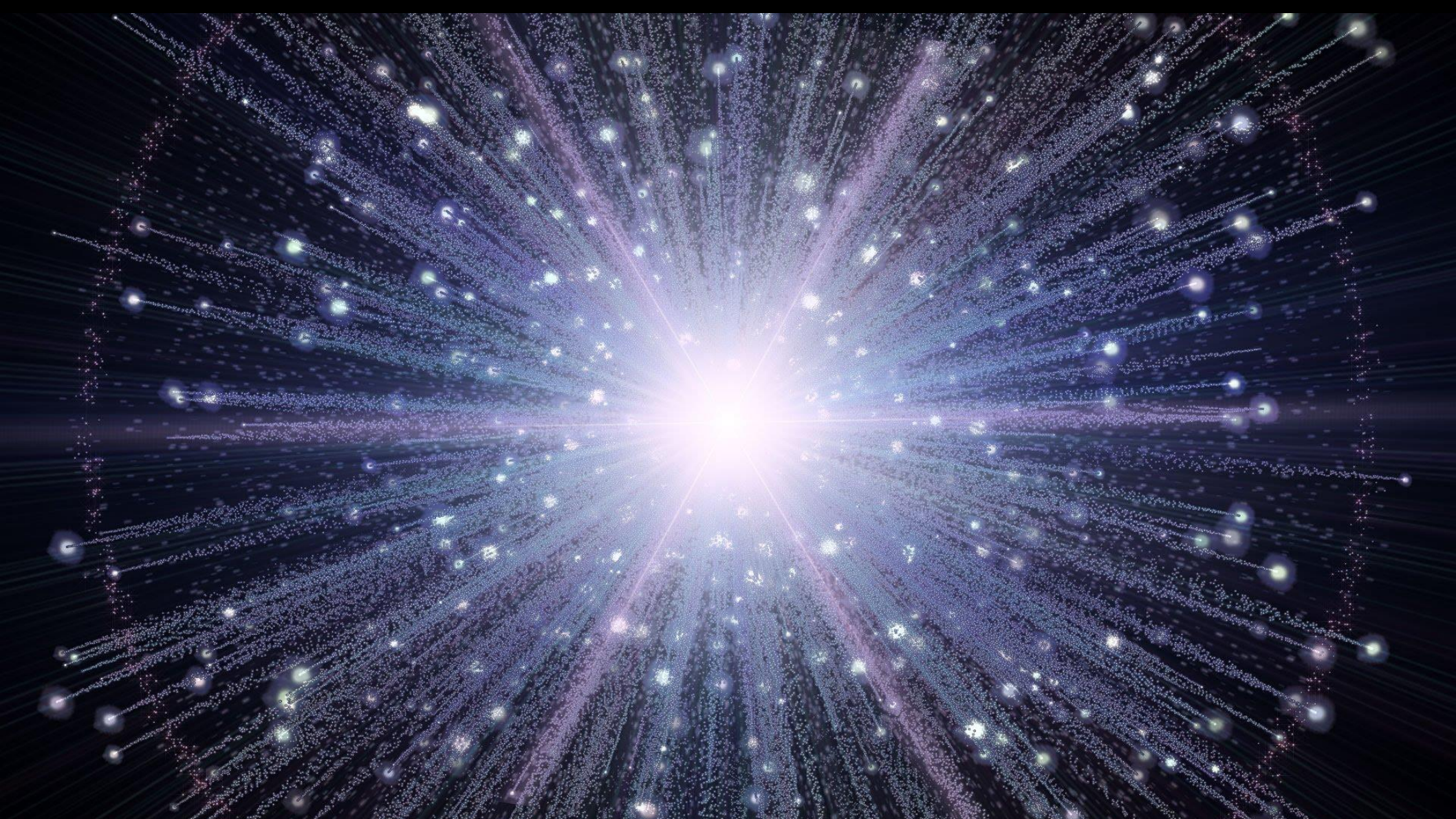


Welcome to CERN

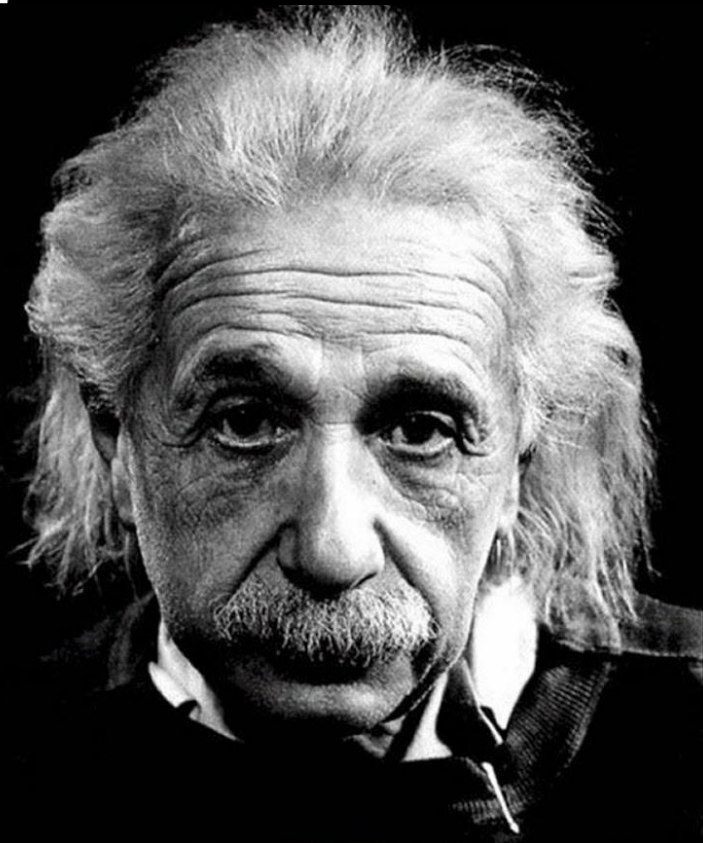
Dr. Hector Garcia Morales
Physicist and science communicator
hector.garcia.morales@cern.ch

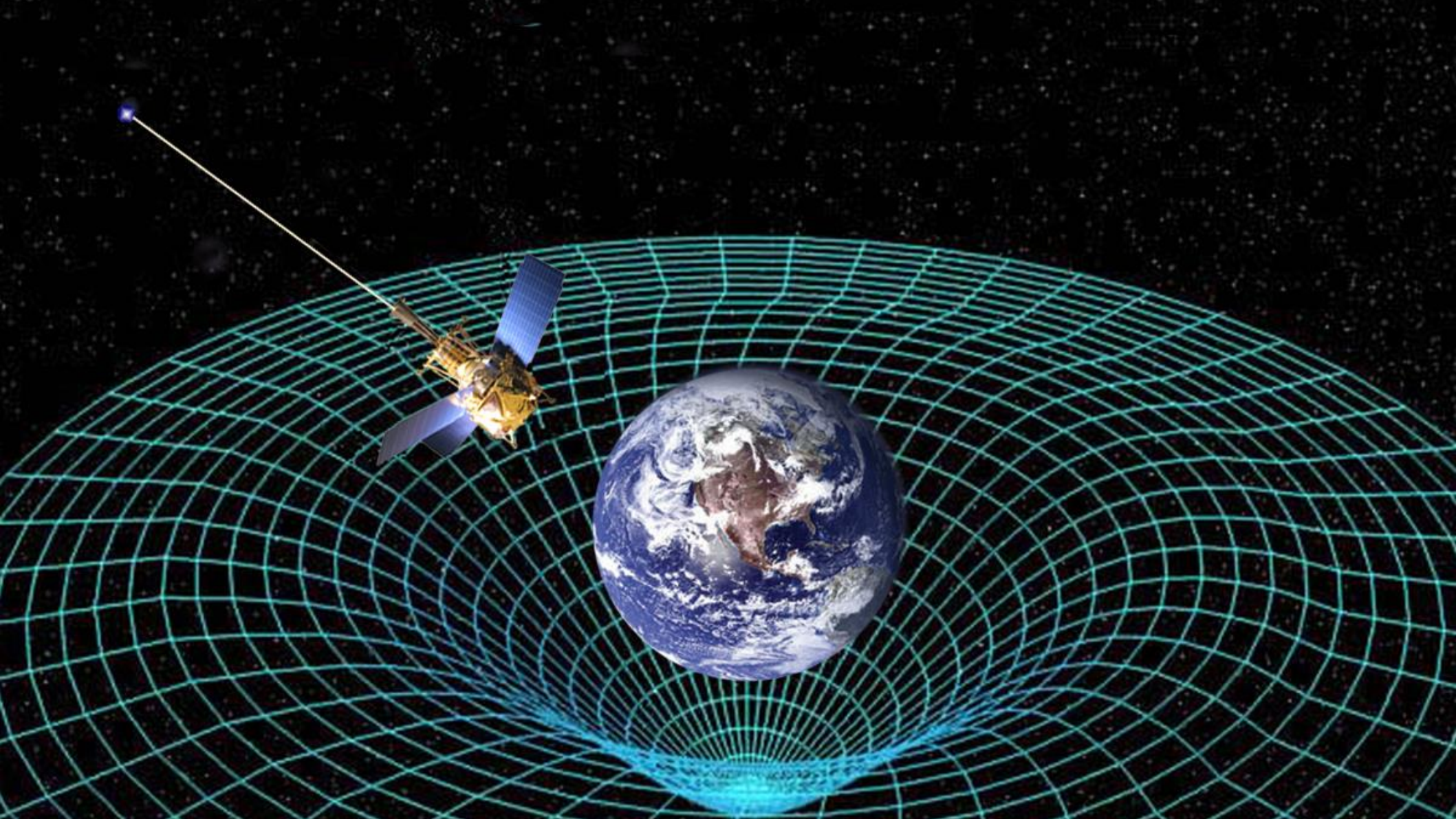




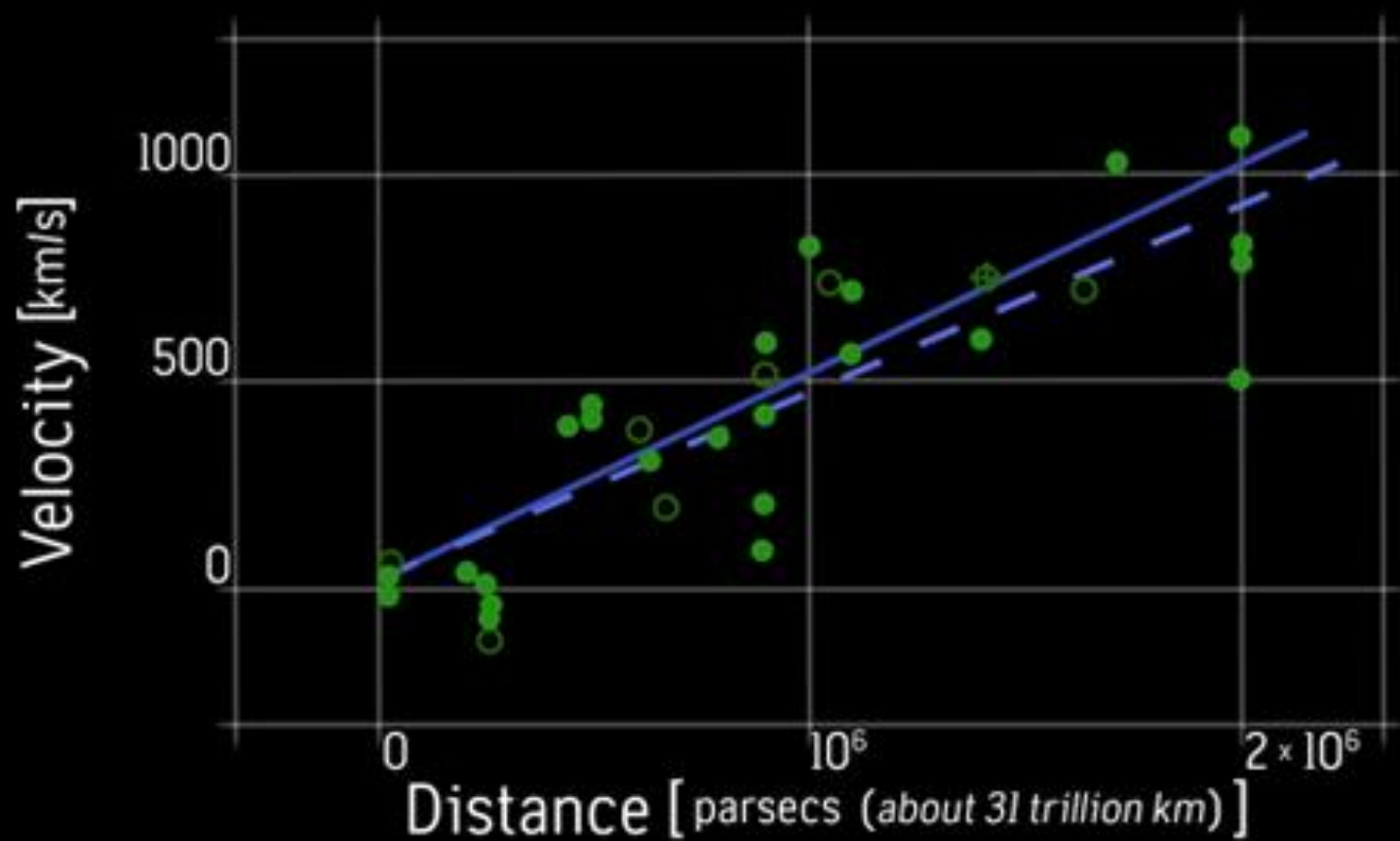


$$R_{\mu\nu} - \frac{1}{2}Rg_{\mu\nu} + \Lambda g_{\mu\nu} = 8\pi T_{\mu\nu}$$

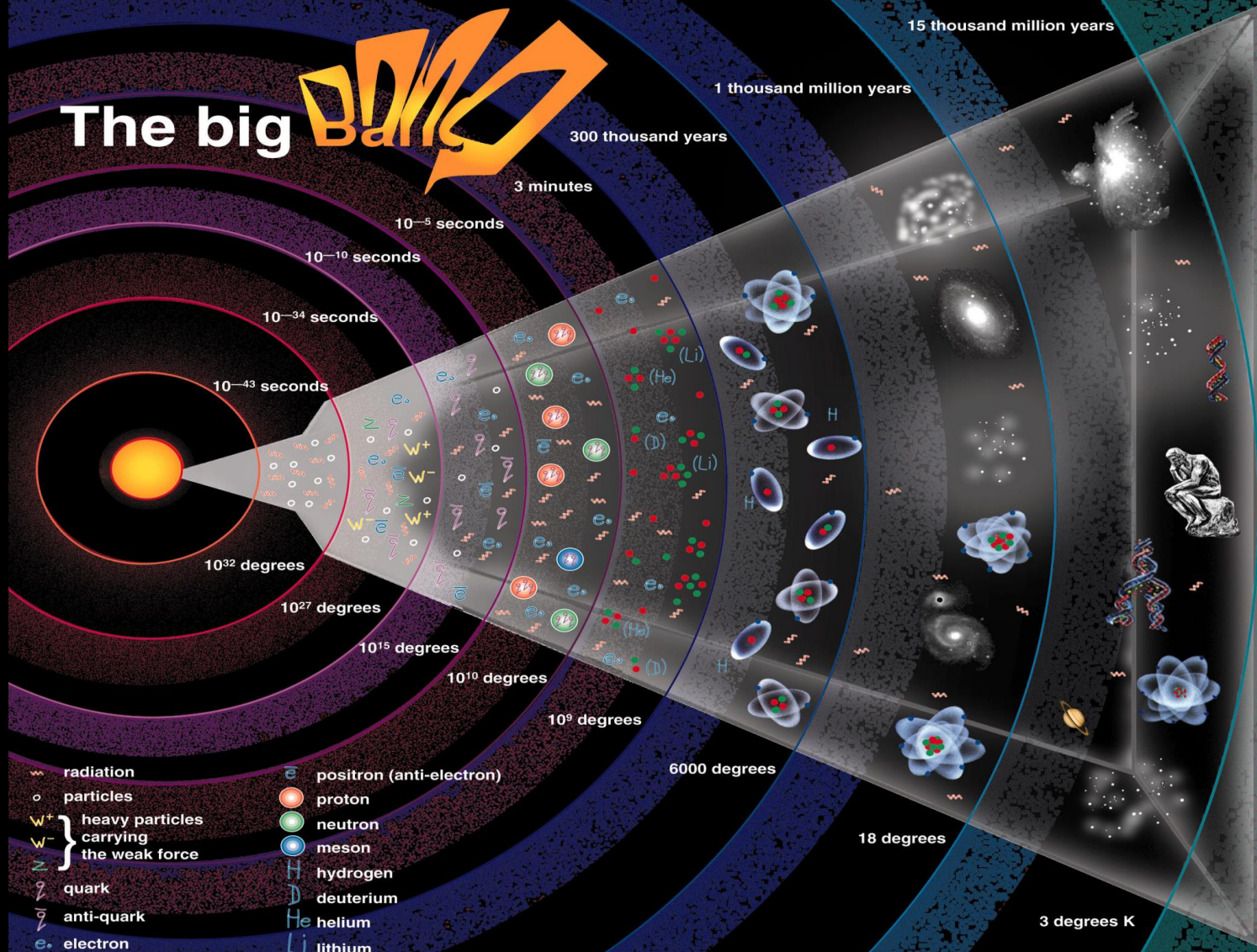


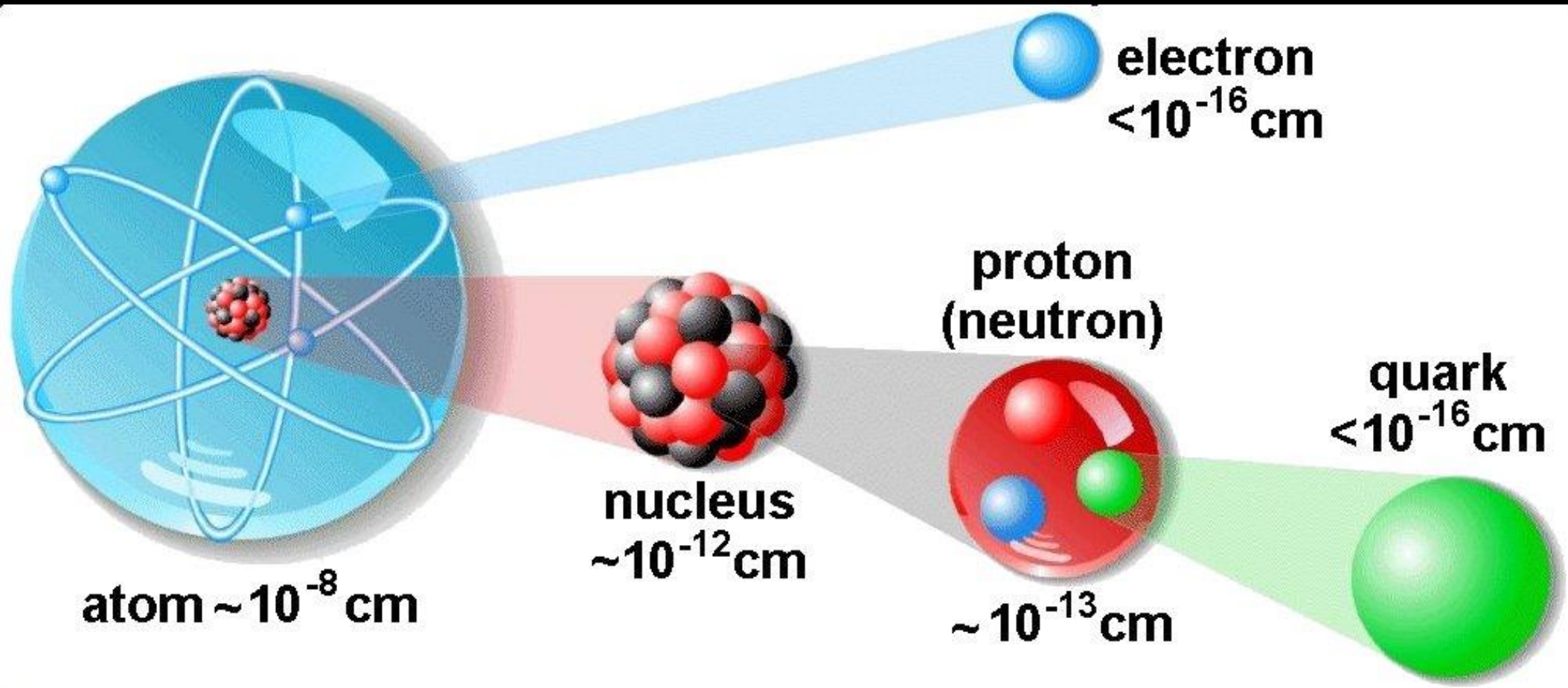






The big Bang





Quarks

u up	c charm	t top
d down	s strange	b bottom

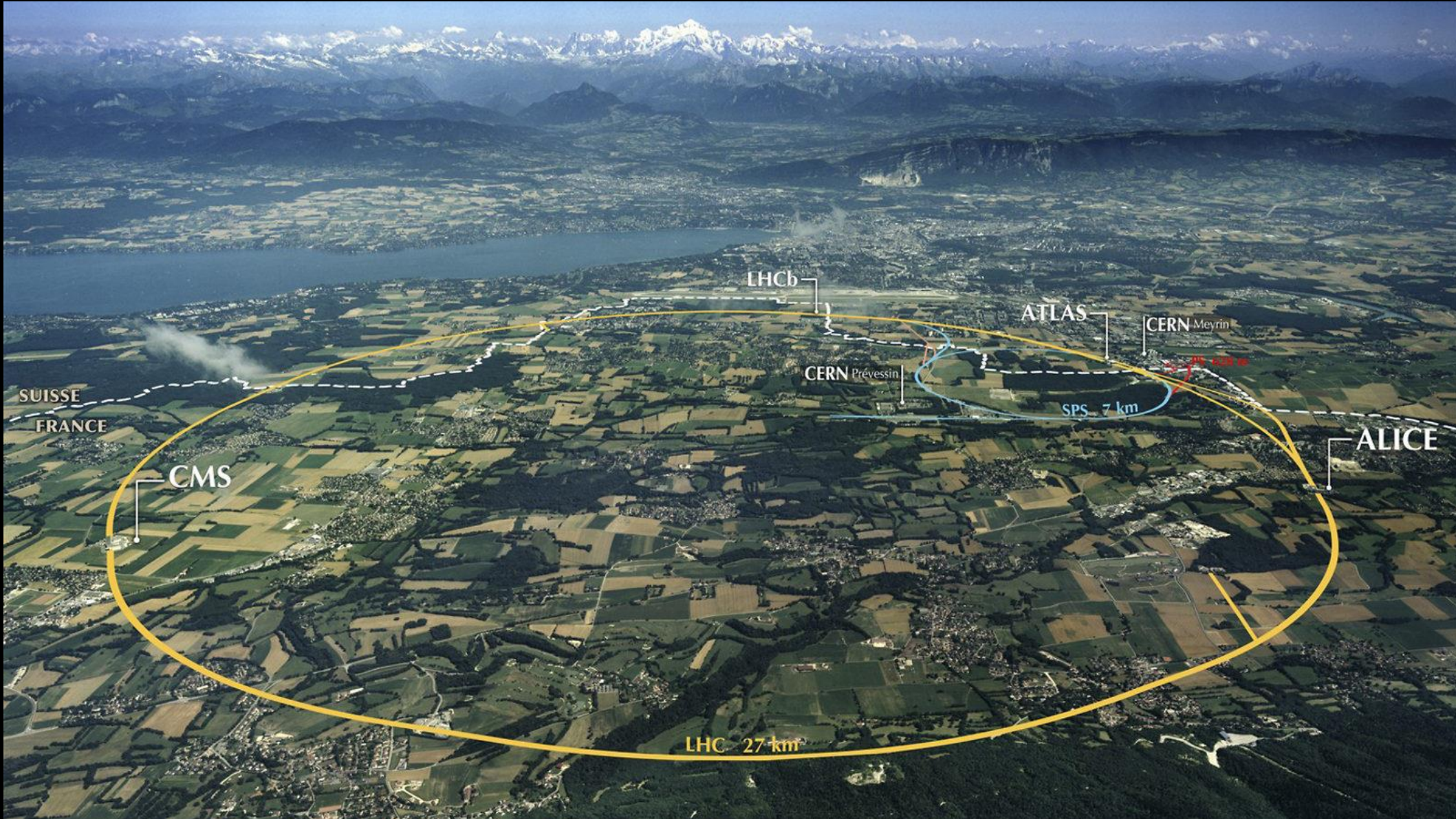
Leptons

e electron	μ muon	τ tau
ν_e electron neutrino	ν_μ muon neutrino	ν_τ tau neutrino

H
Higgs boson

Force Carriers

Z Z boson	γ photon
W W boson	g gluon



SUISSE
FRANCE

CMS

LHCb

ATLAS

CERN Meyrin

CERN Prévessin

SPS 7 km

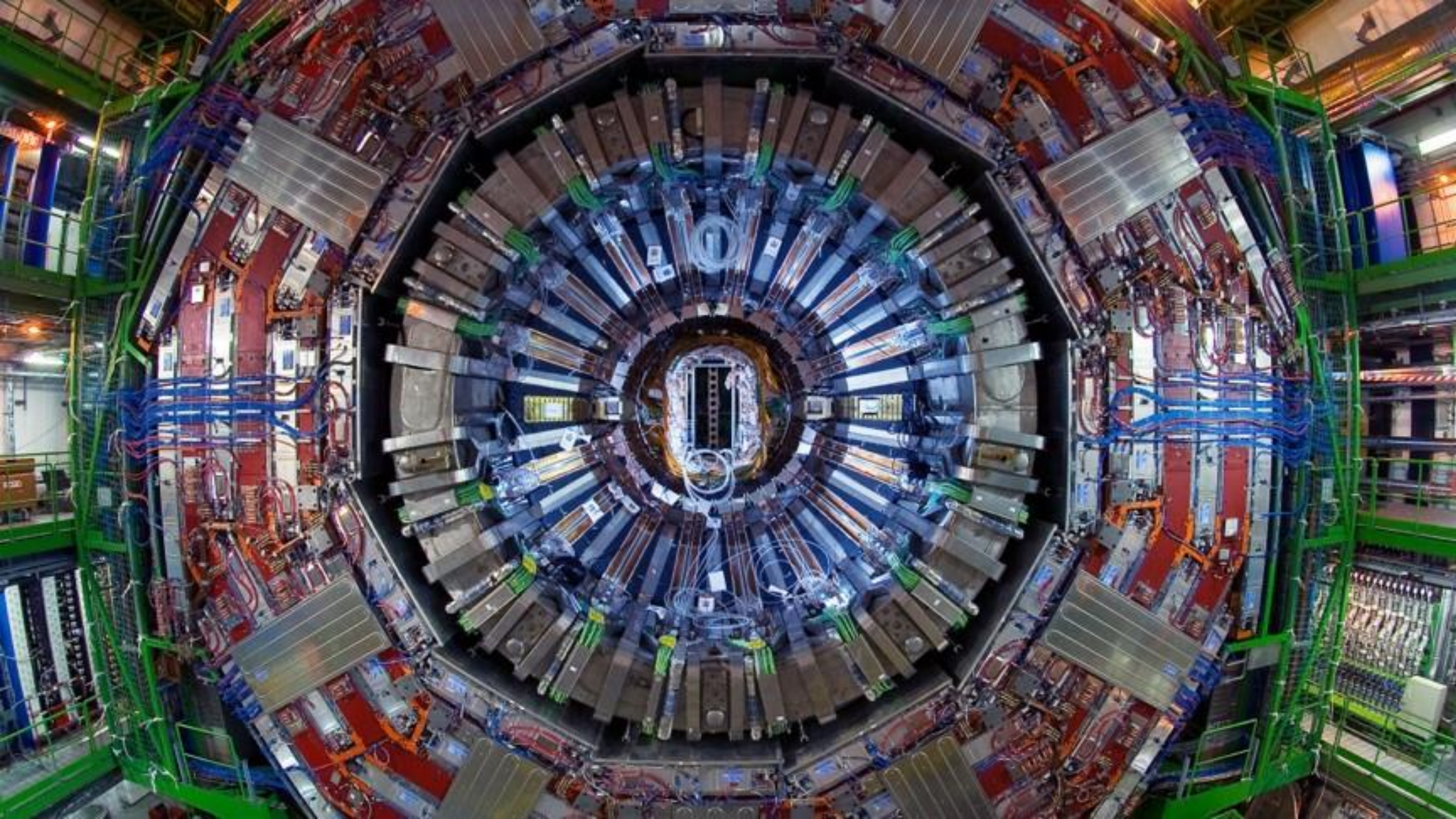
ALICE

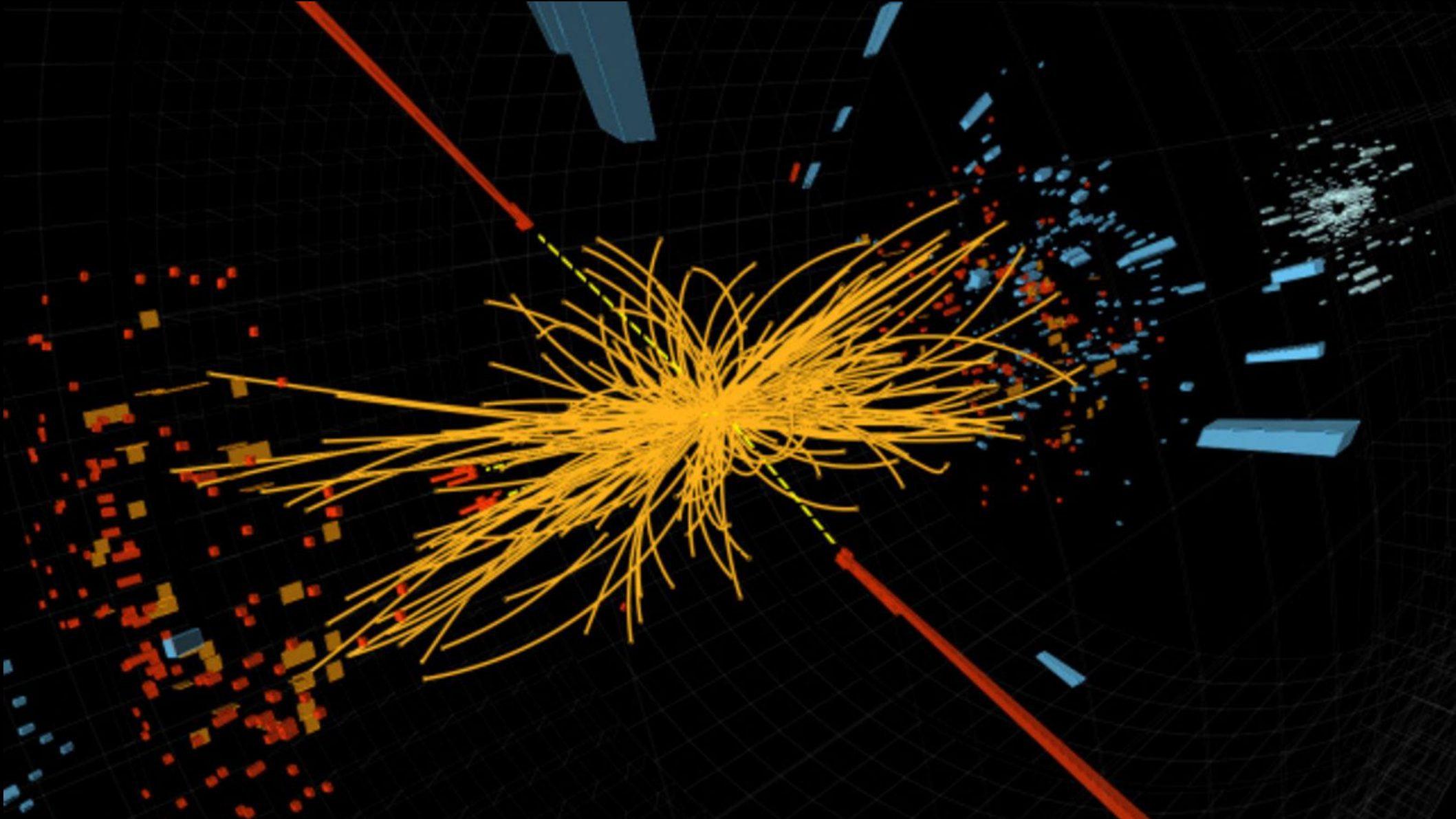
LHC 27 km



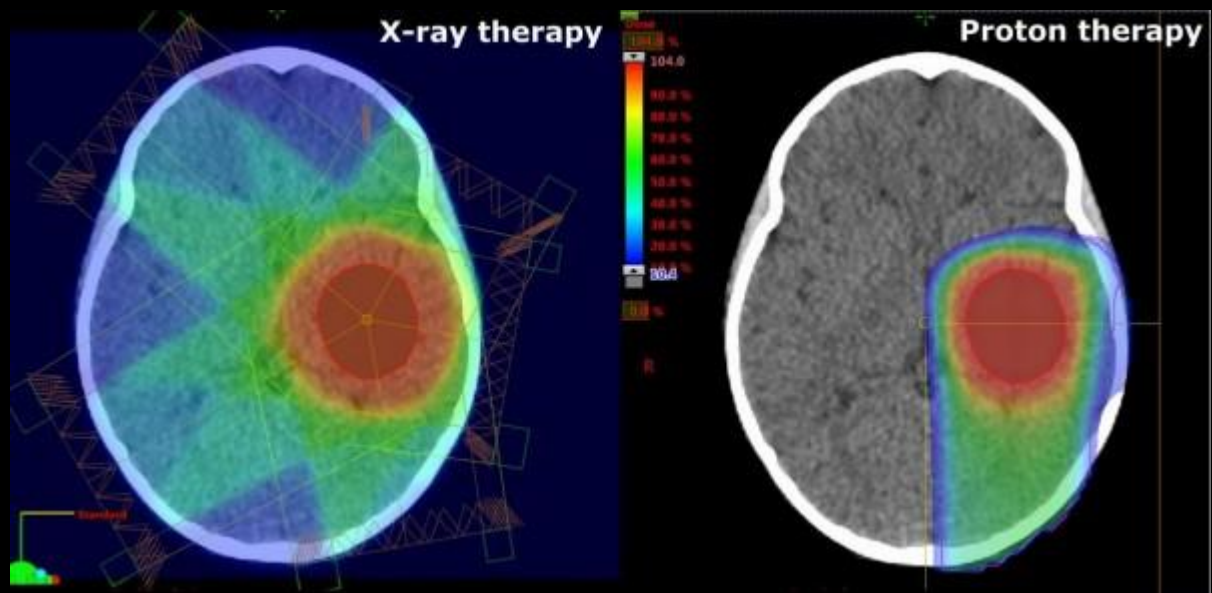


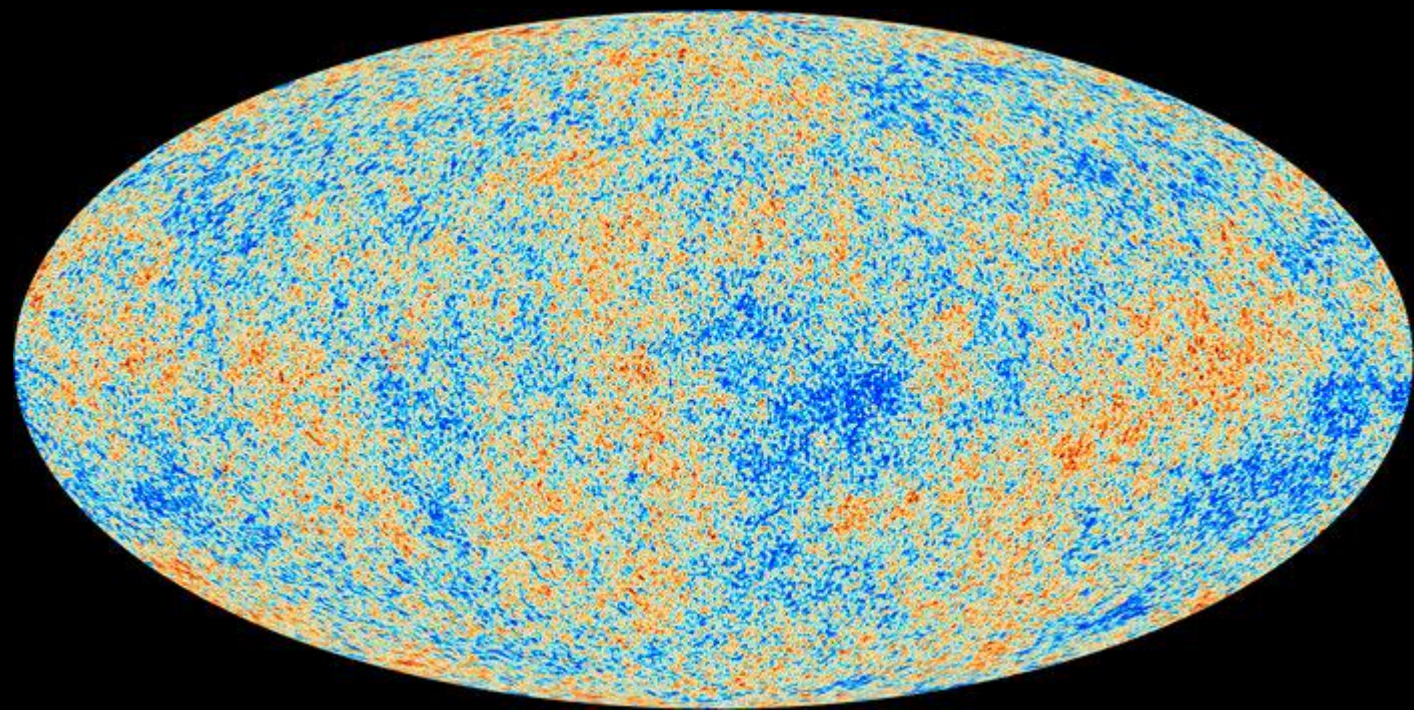


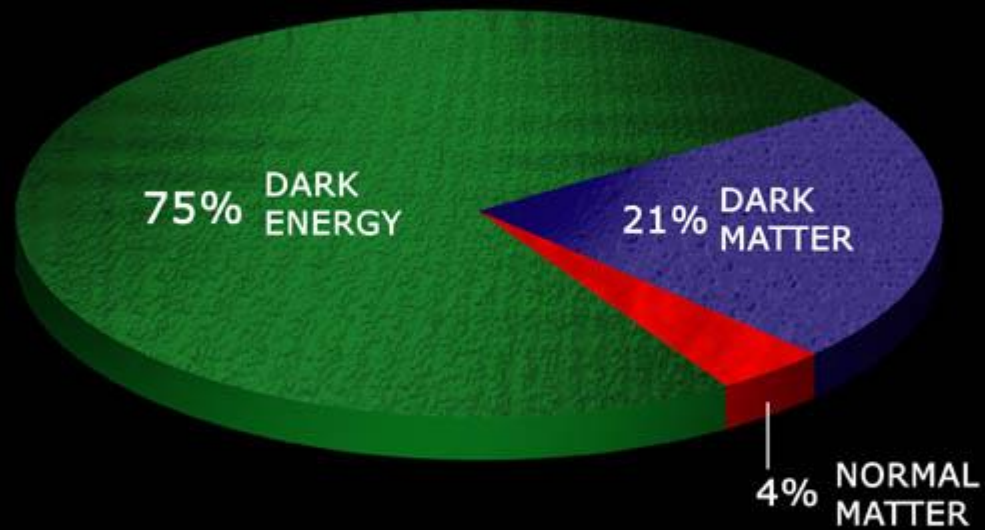














Would you like to join?





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Thank you!

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