

Hi, I am Paolo Sabatini

from Italy

New PostDoc at IFIC ATLAS Group

MSc @ Uni Pisa (Italy)

Trigger at the NA62 Experiment at CERN

PhD @ Uni Goettingen (Germany)

Search for the 4tops production with ATLAS

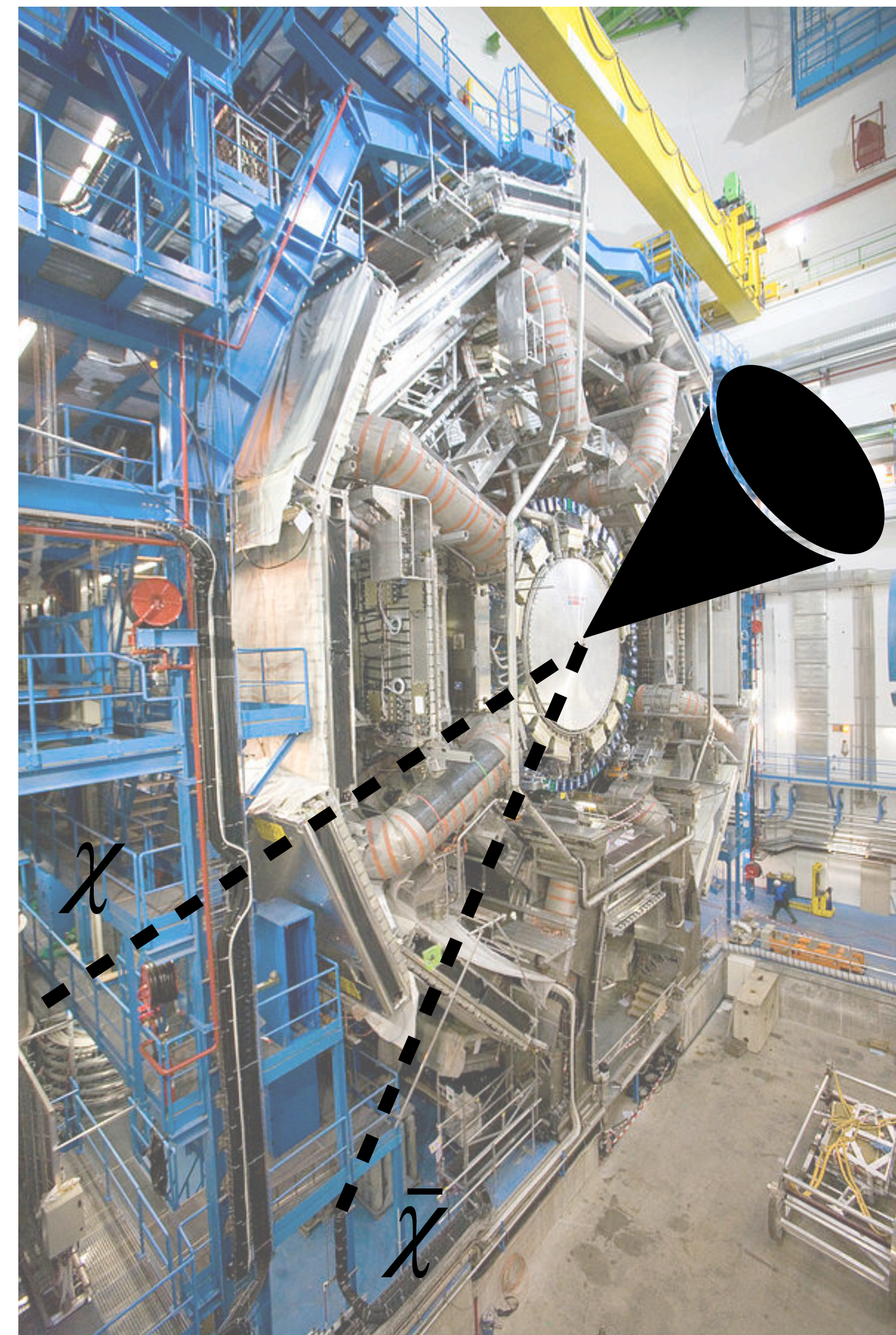
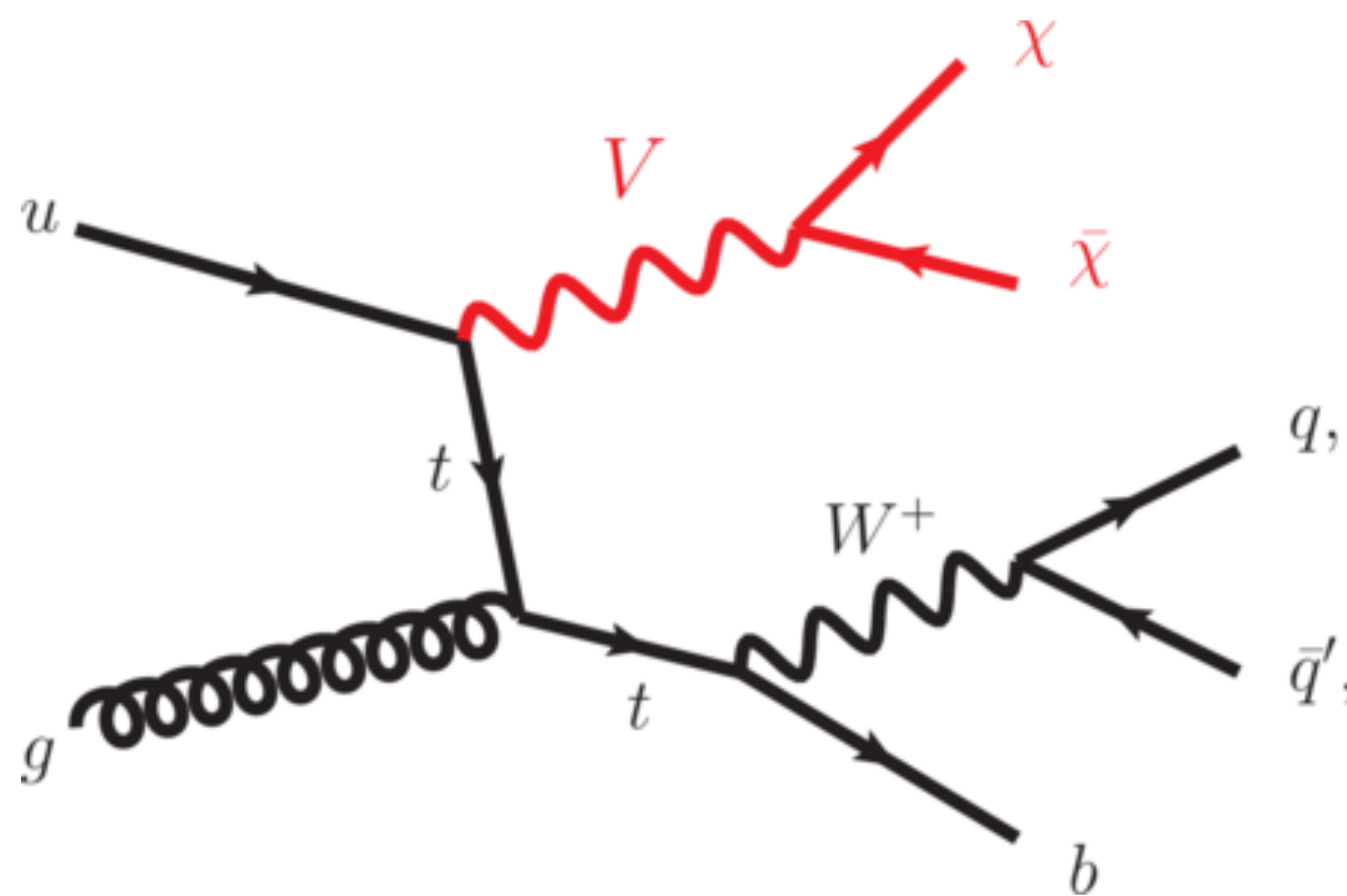
This is my first PostDoc!



Dark Matter searches @ ATLAS

Cosmology observations: 27% of universe made of DM

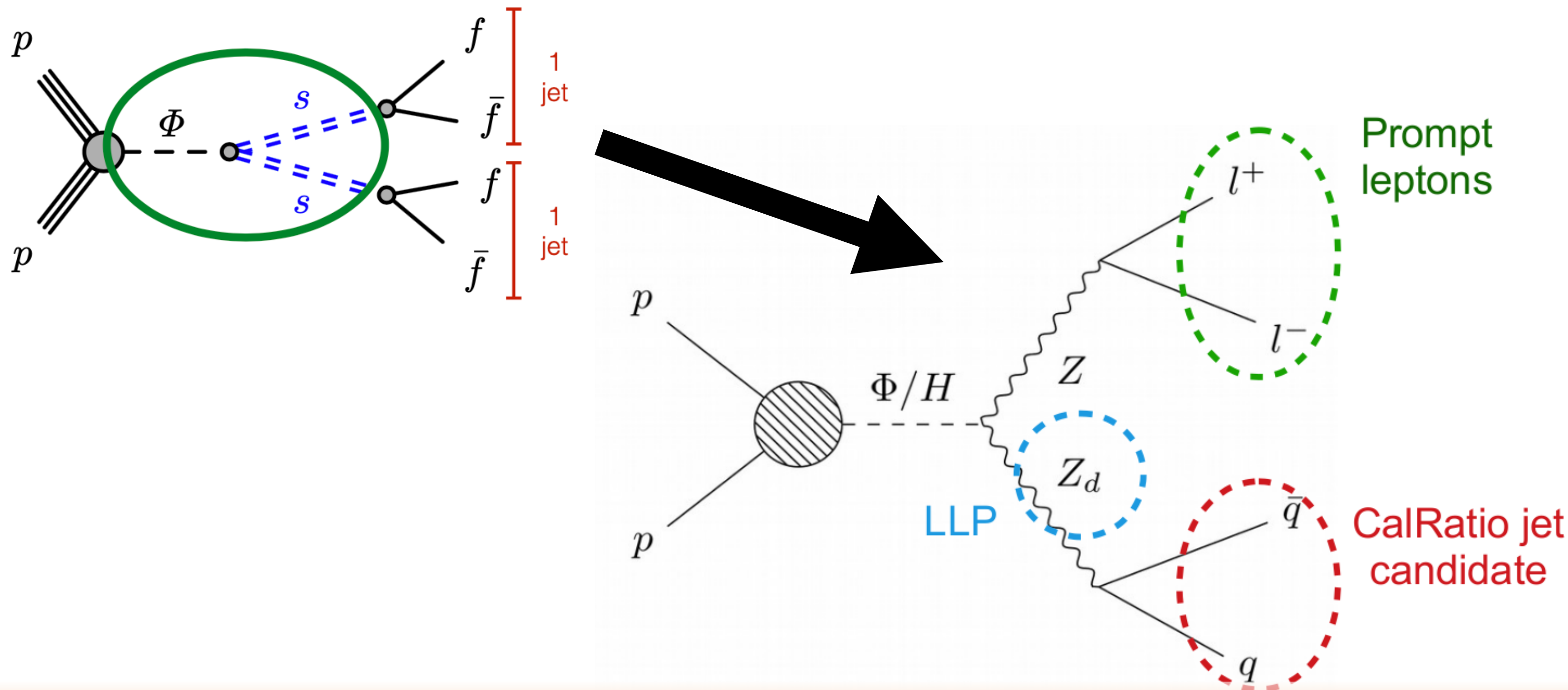
Detect it at ATLAS Detector: Mono-top production



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Cosmology observations: 27% of universe made of DM

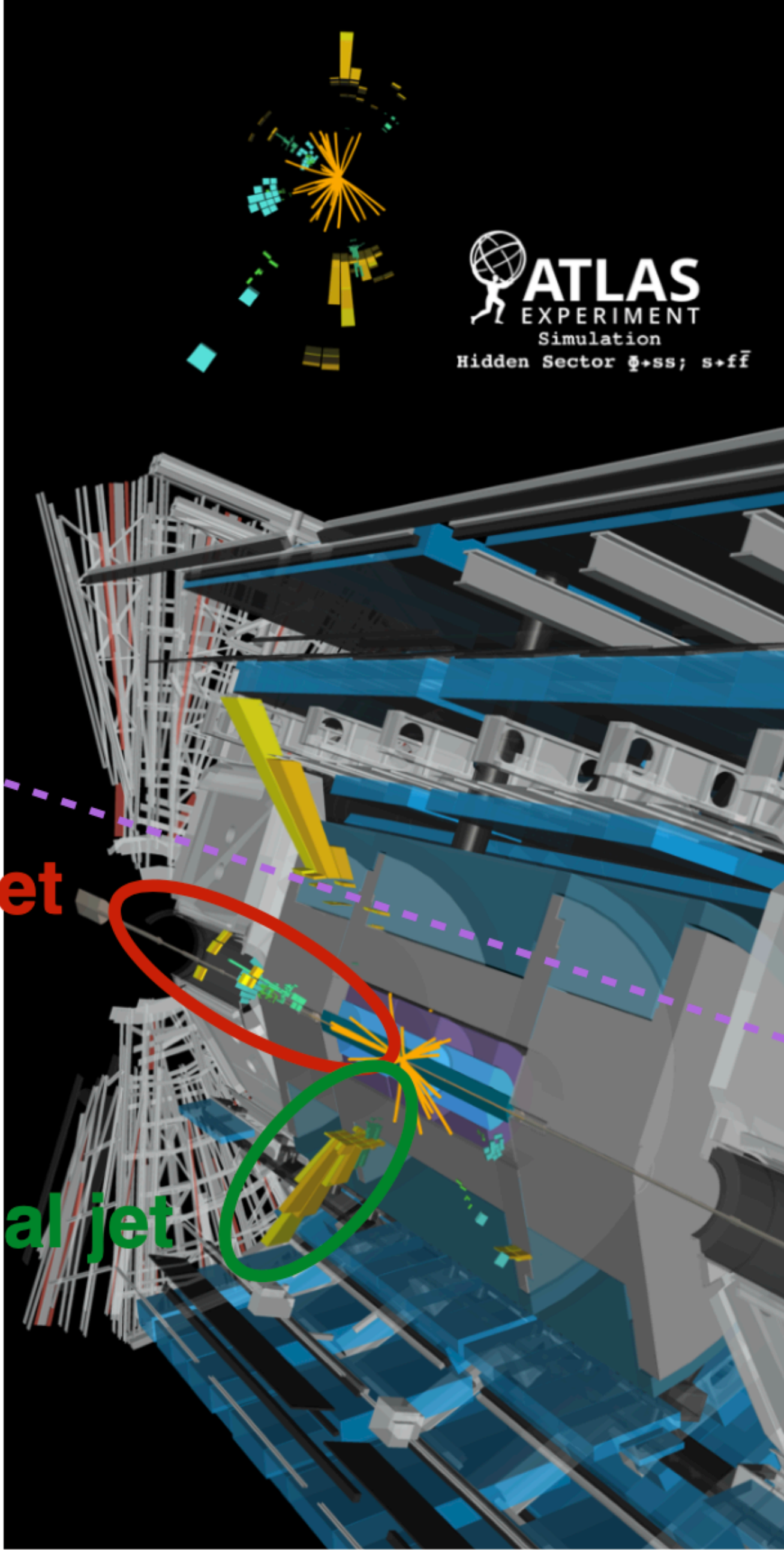
Detect it at ATLAS Detector: Long-Lived Particle



BIB

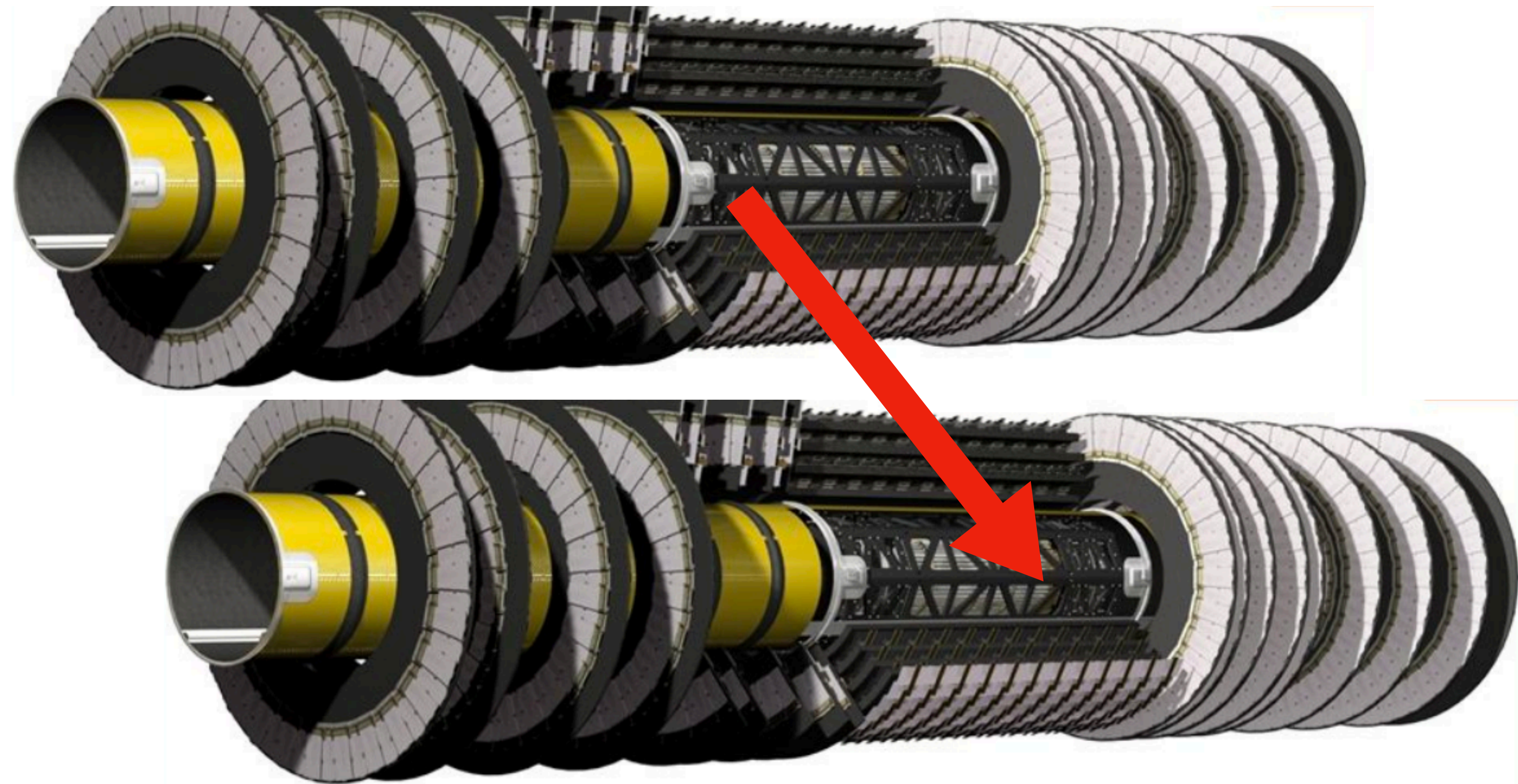
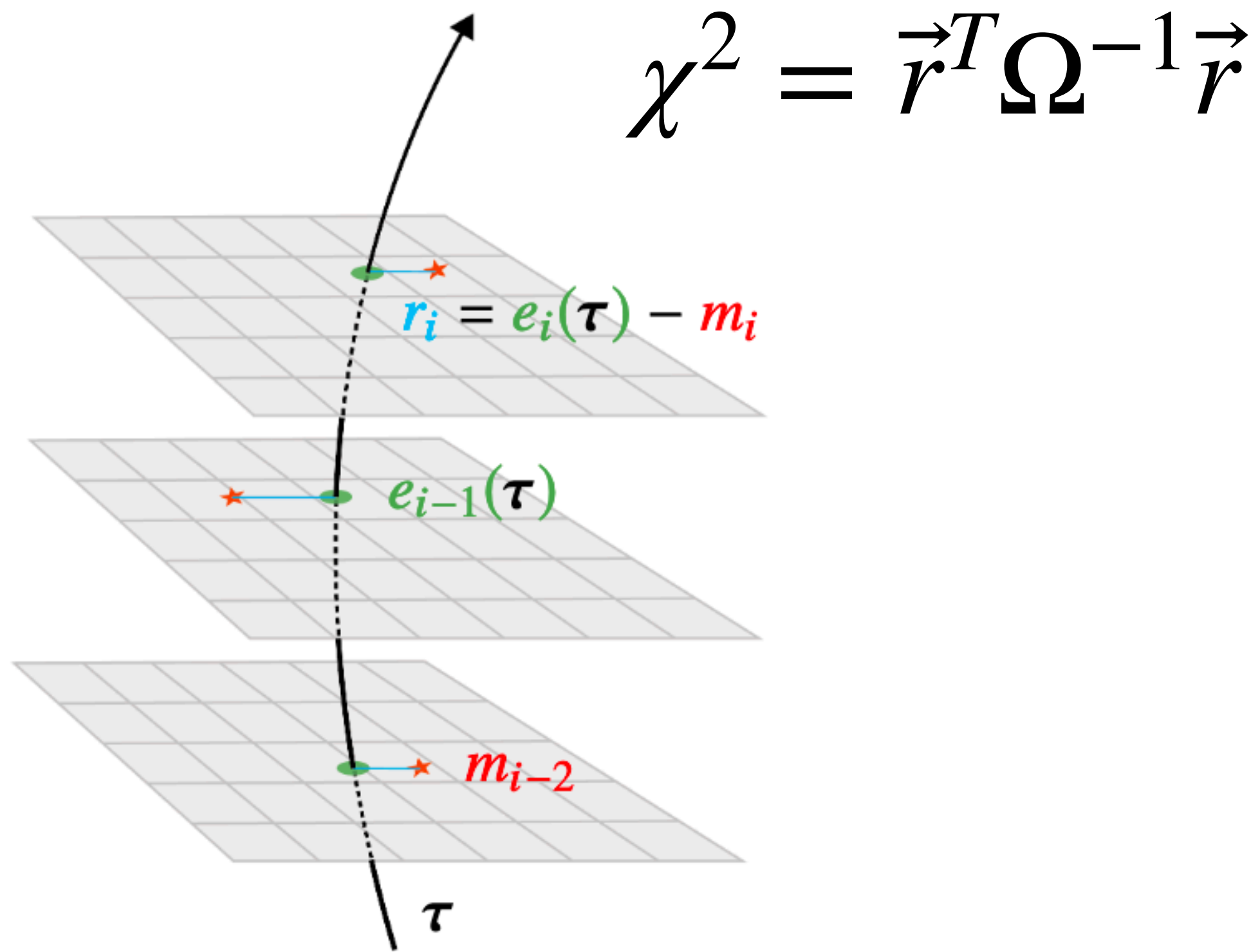
QCD jet

Signal jet



ATLAS Inner Detector alignment

Inner Detector: reconstruct the tracks of the charged particles!
Where is it? Need to know at μm level of precision



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