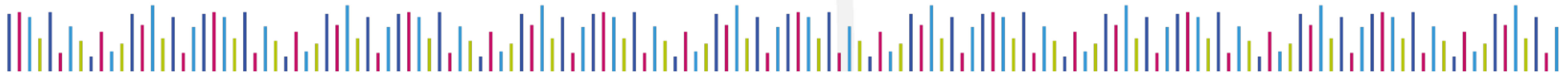


23rd IPPOG Meeting – 11-13 May 2022

High-School Masterclass

Cecilia Collà Ruvolo, Nicolas Arnaud, Kenneth Cecire,
Beatrice Bressan, Pasquale Di Nezza, Livia Soffi



Your Own Detection Apparatus



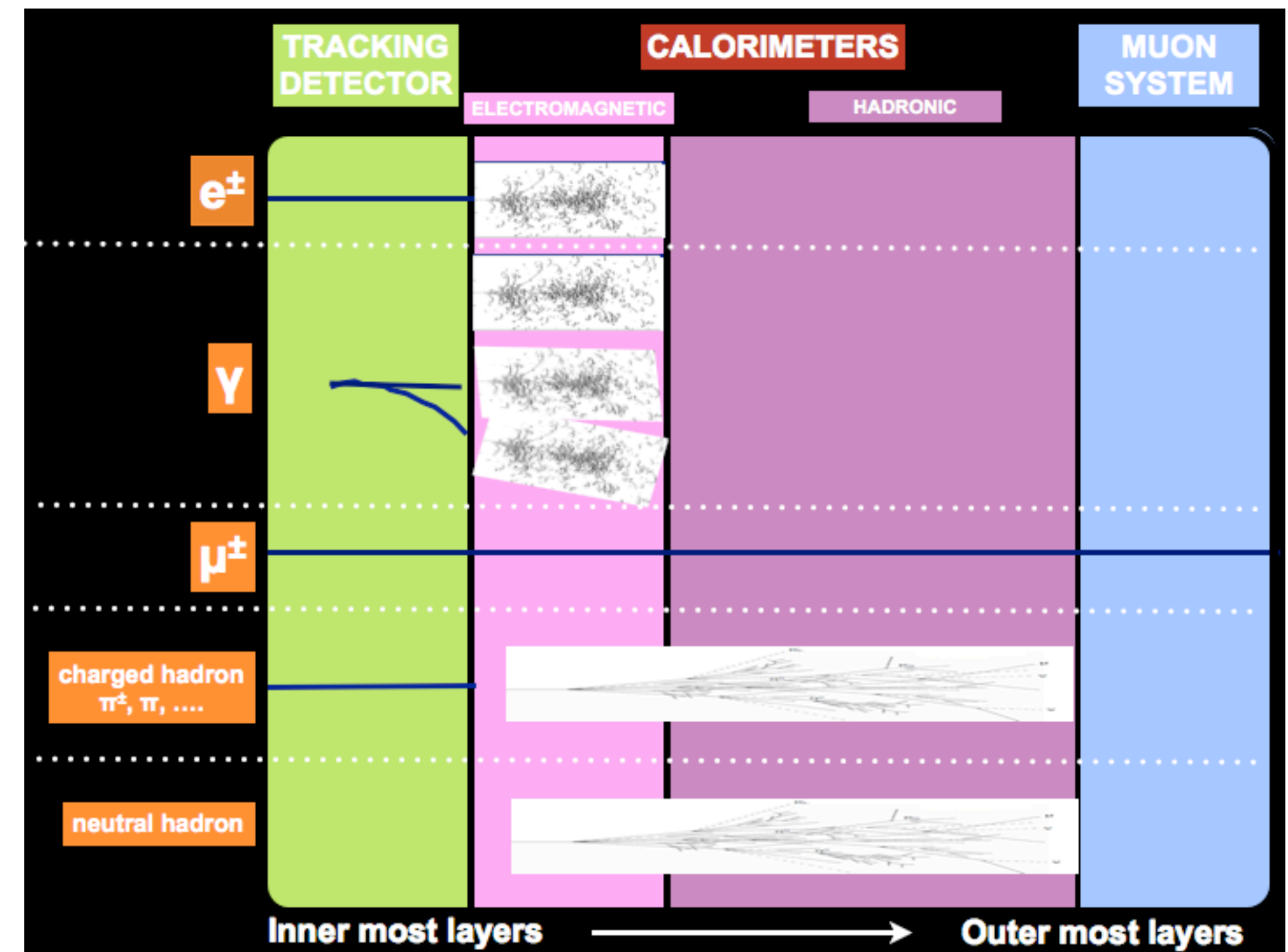
YODA

AUDIENCE:

Technical High School
Students and teachers

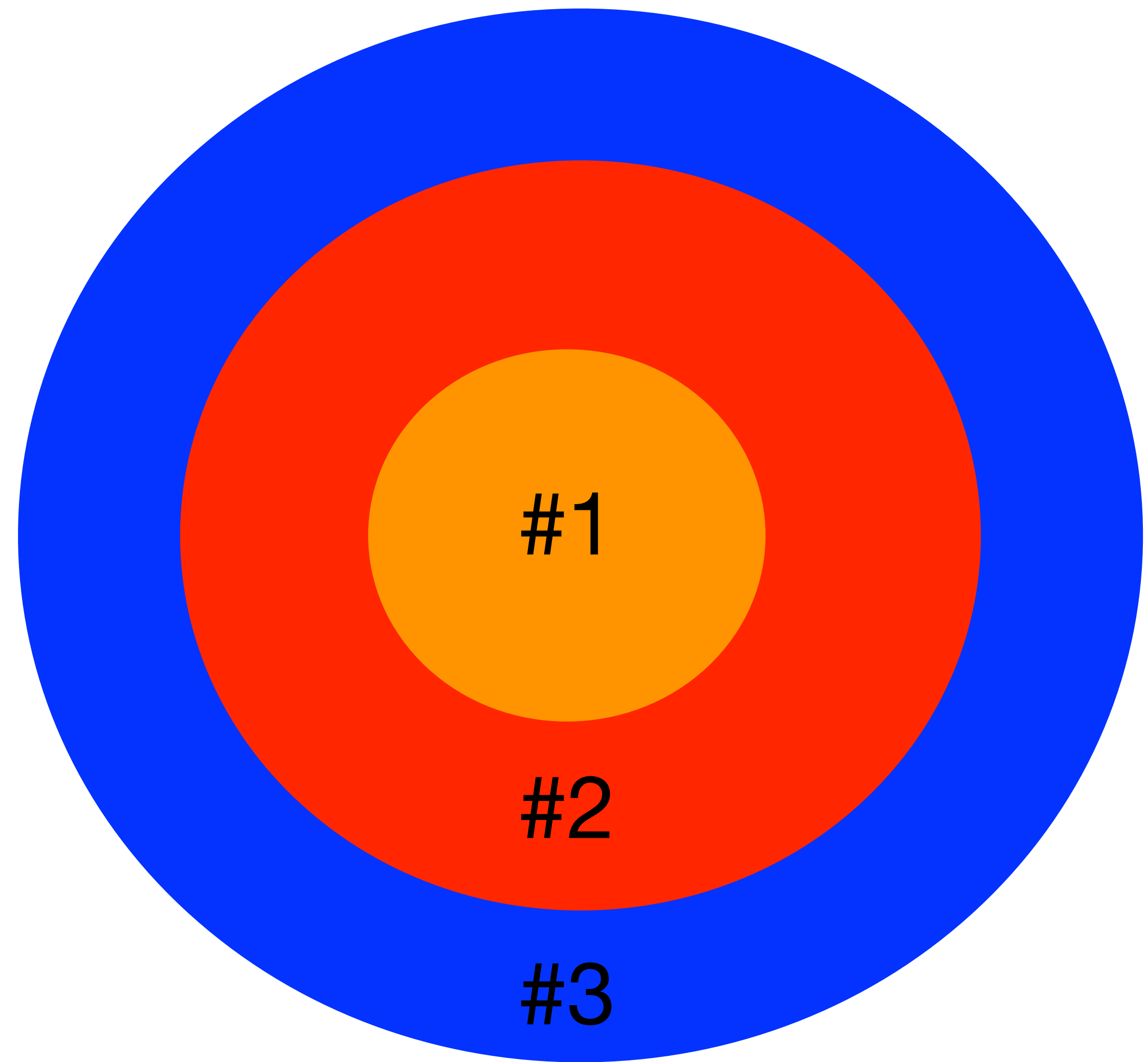
MESSAGE TO DELIVER:

Technical skills make discovery happen!

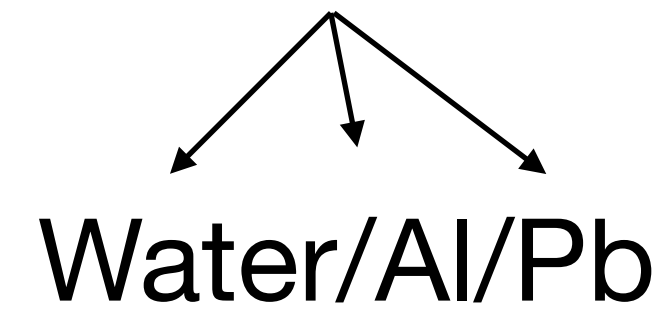


STRUCTURE OF THE ACTIVITY:

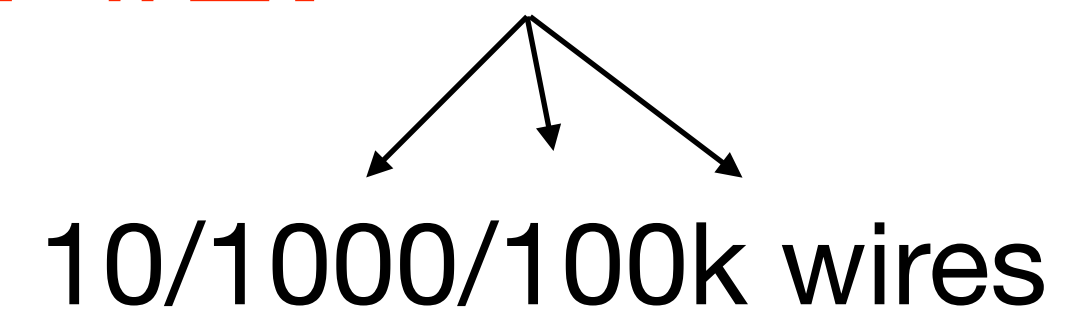
- 10 mins: Description of the physics case: components and particles
- 10 mins: Rules of the game
- 15 mins: Build and test (play the game)
- 10 mins: present and discuss



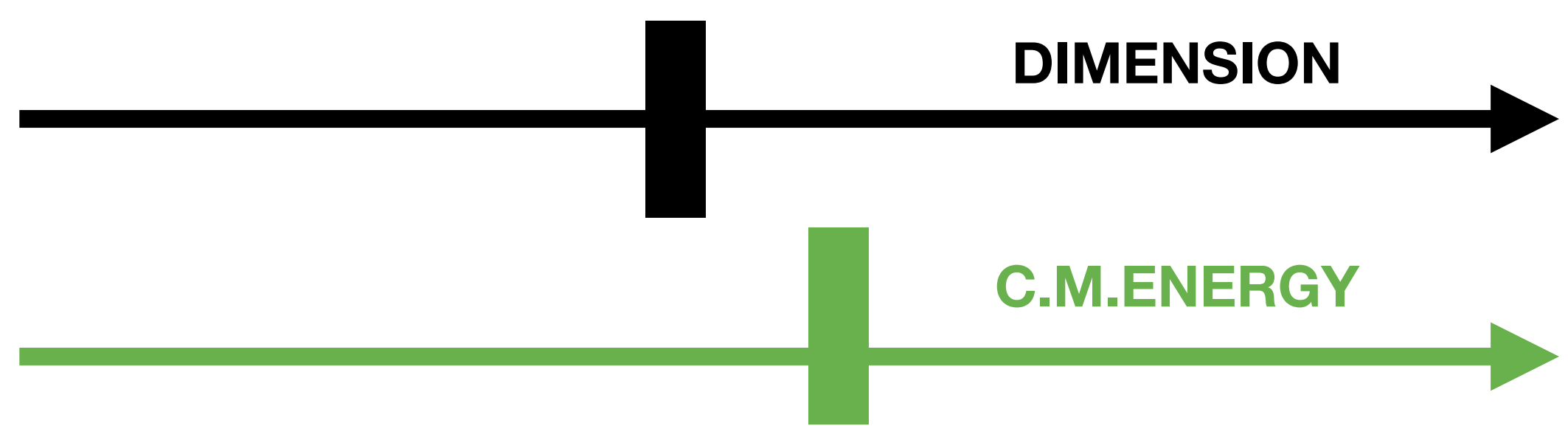
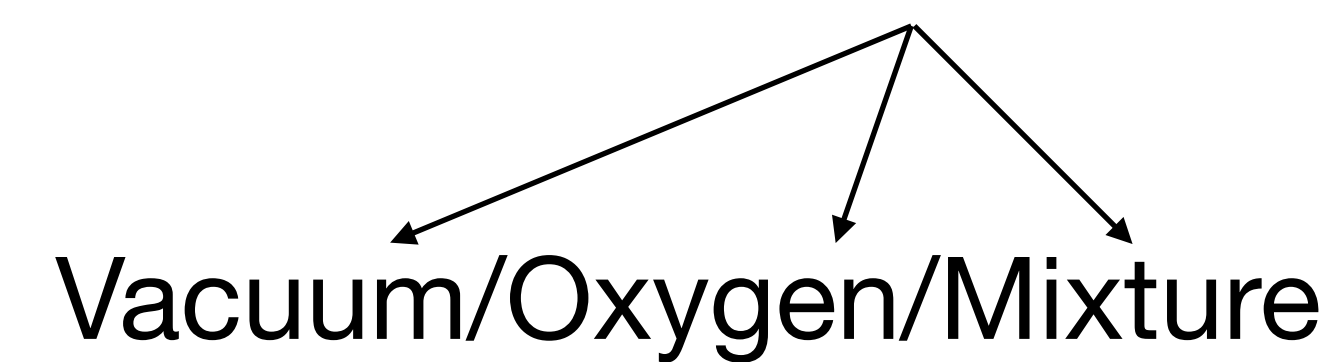
Detector #1: Tracker ? Calorimeter? Muon Chamber?



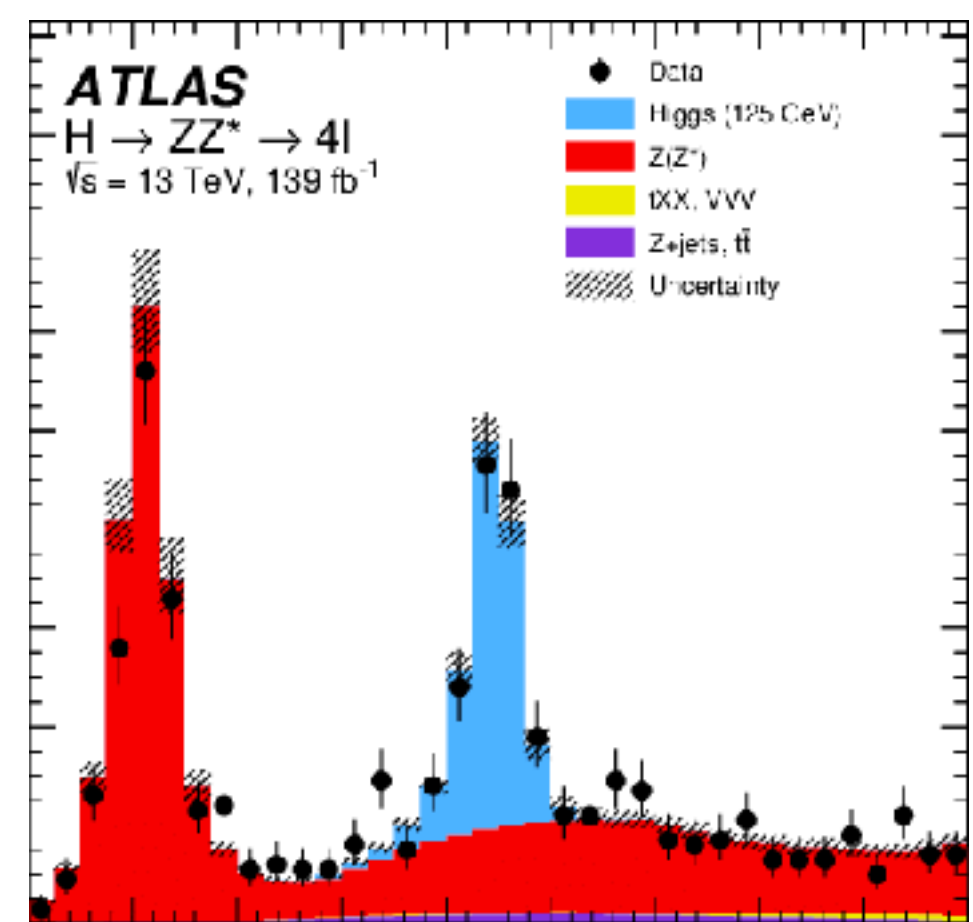
Detector #2: Tracker ? Calorimeter? Muon Chamber?



Detector #3: Tracker ? Calorimeter? Muon Chamber?



GO!



Cost= XX\$

Building time = YY