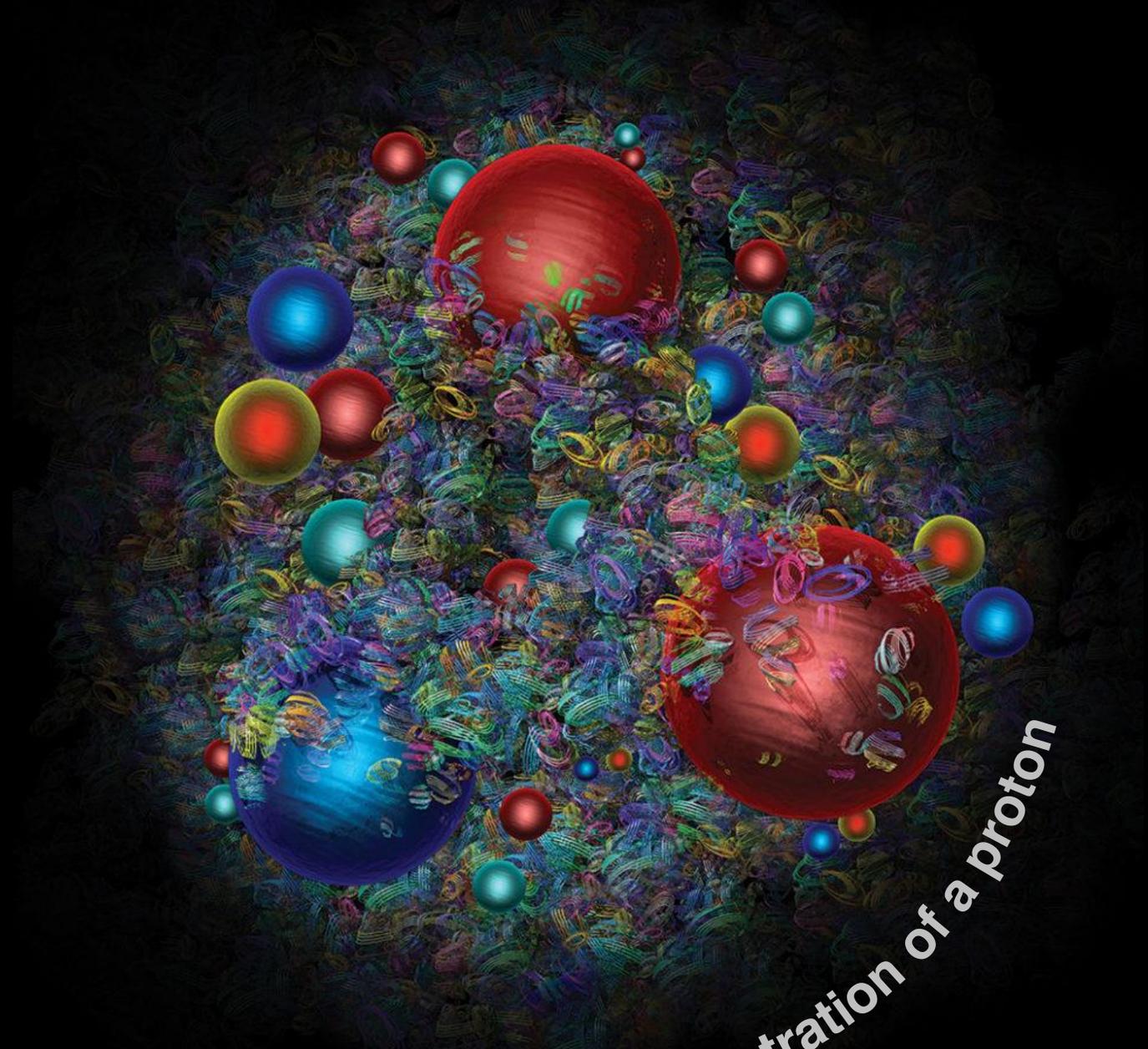
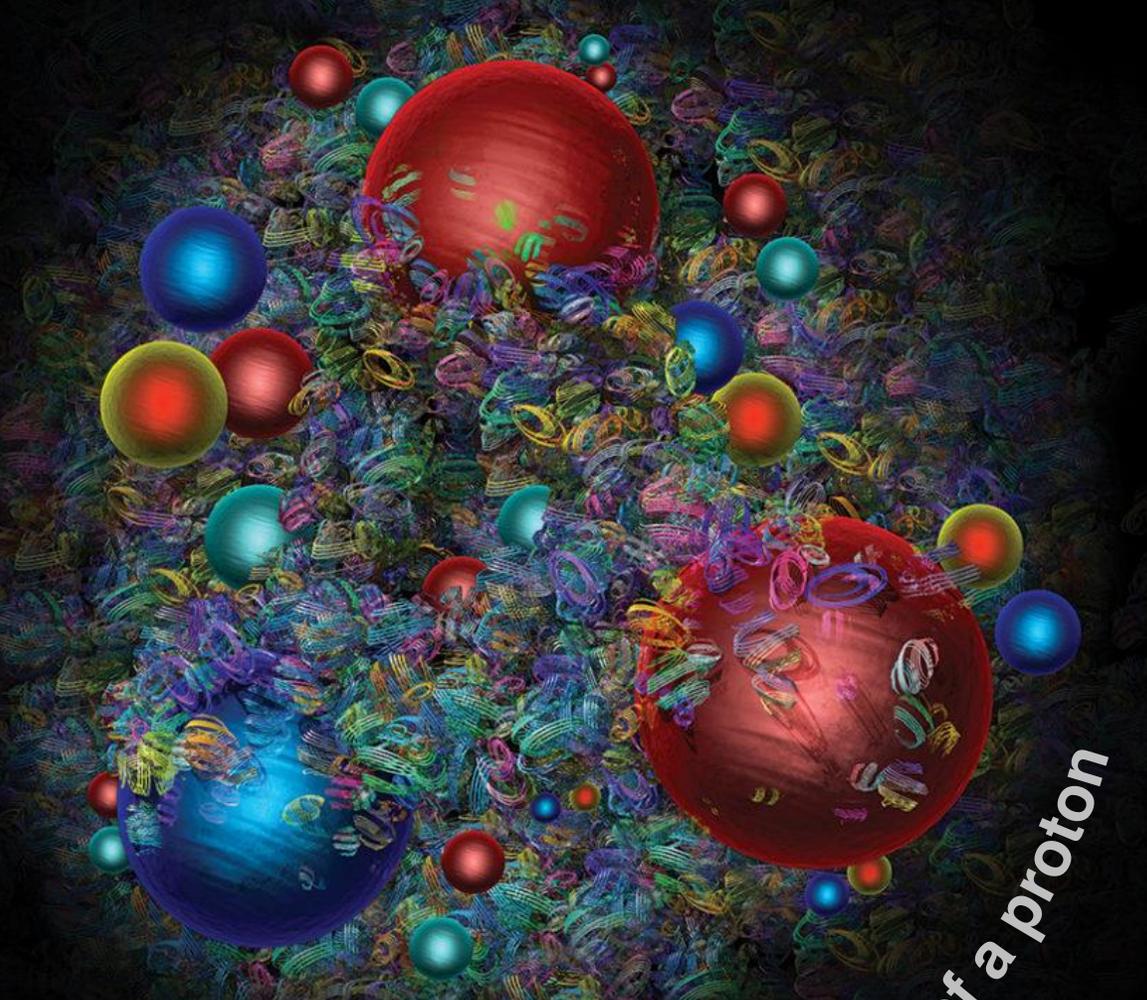
The background of the slide is a dark blue color with a complex, light blue wireframe pattern. This pattern consists of numerous overlapping, concentric and radial lines that form a circular, grid-like structure, resembling a cross-section of a particle detector or a complex geometric design. The lines are thin and create a sense of depth and complexity.

# Particle Detectors

Adelina Lintuluoto

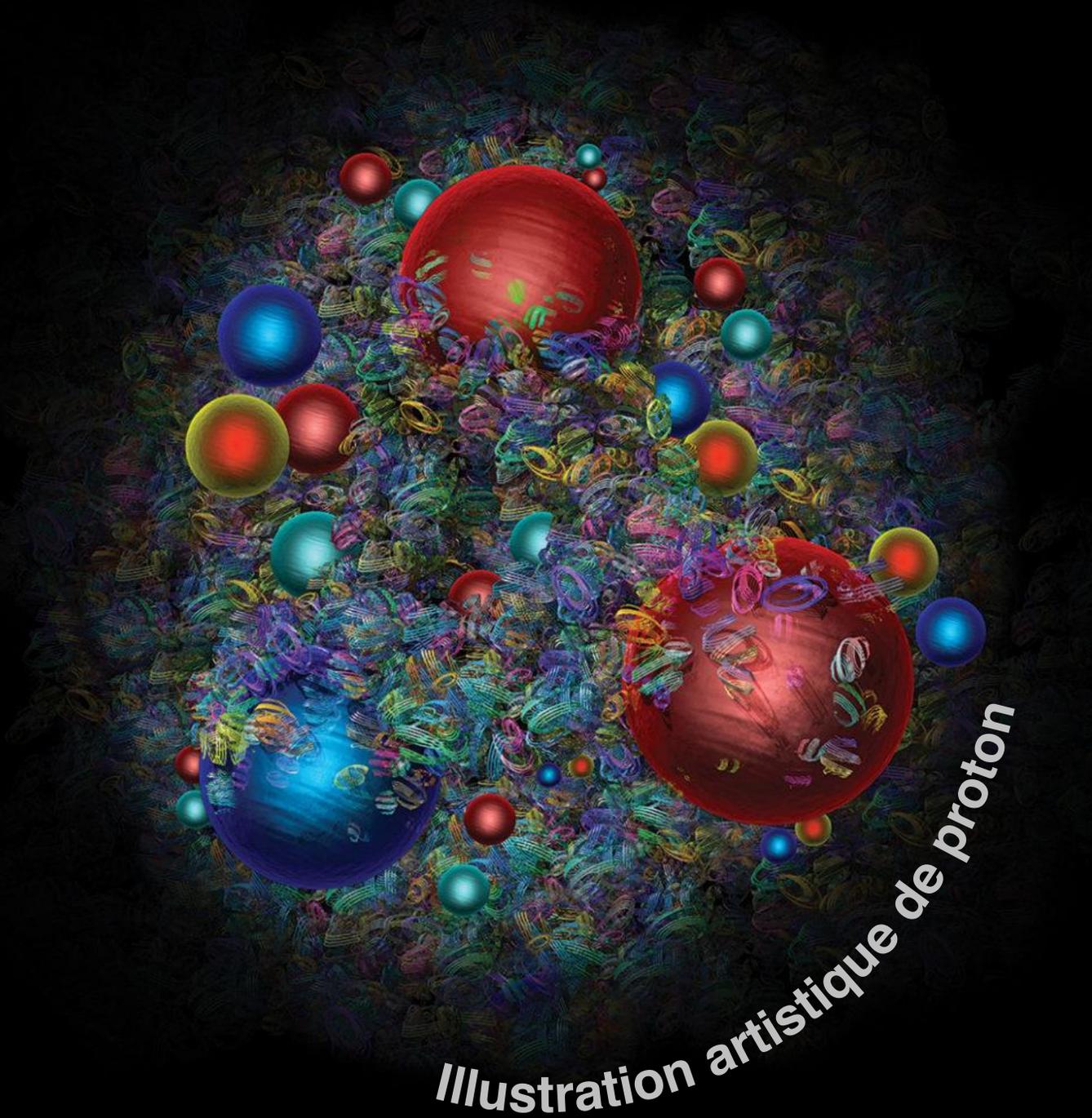


Artistic illustration of a proton



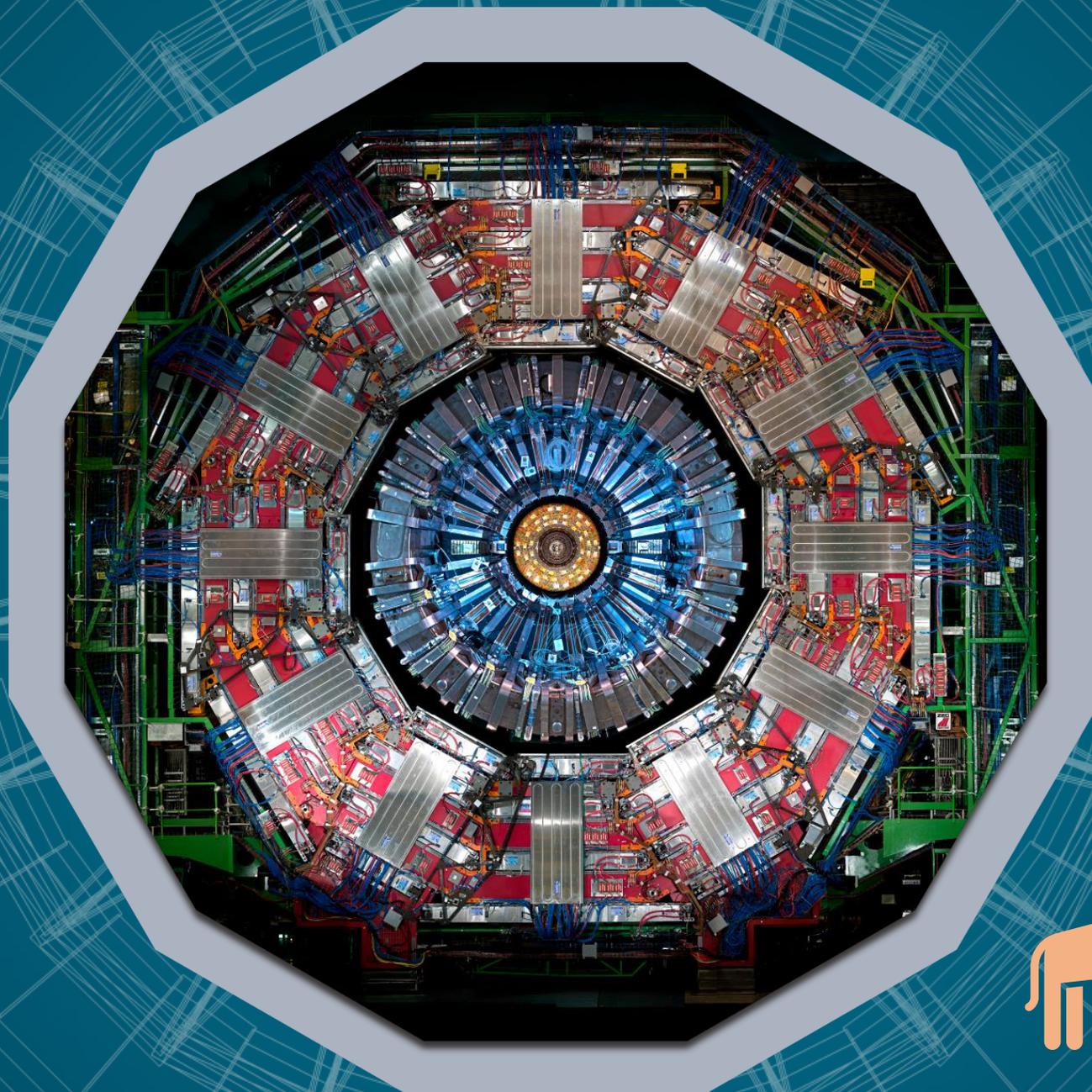
Artistic illustration of a proton





*Illustration artistique de proton*

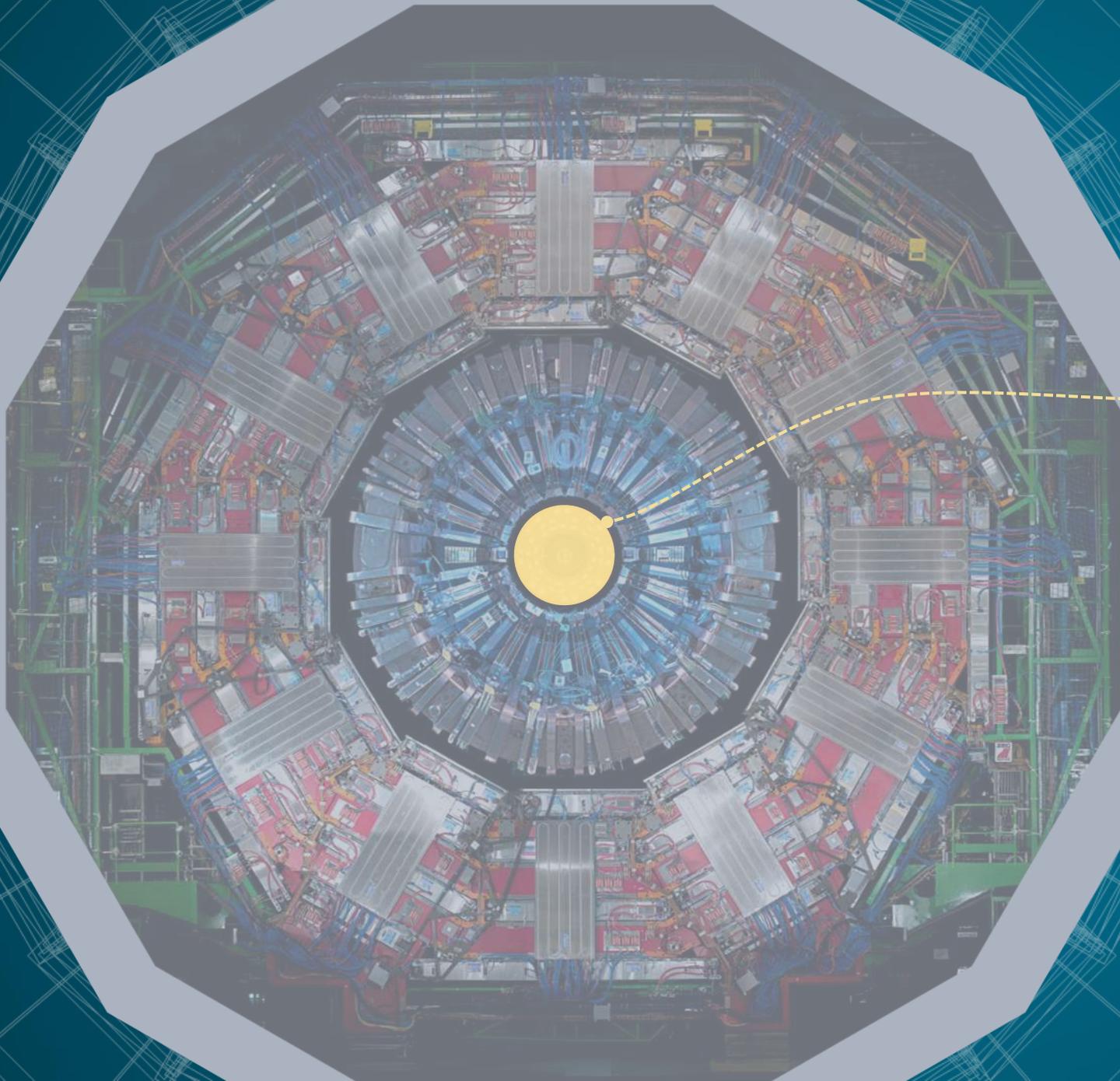




15 m

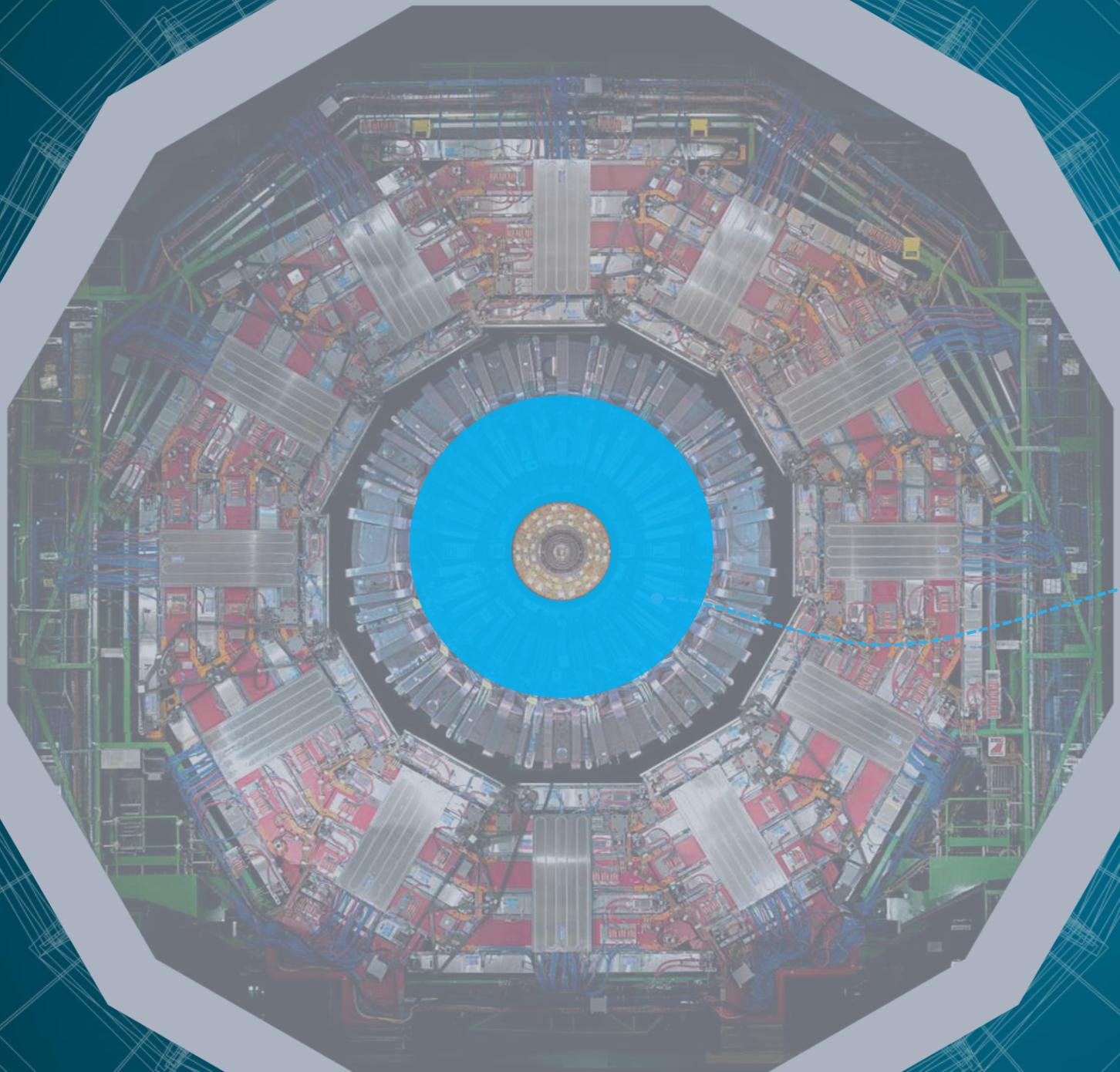
21 m



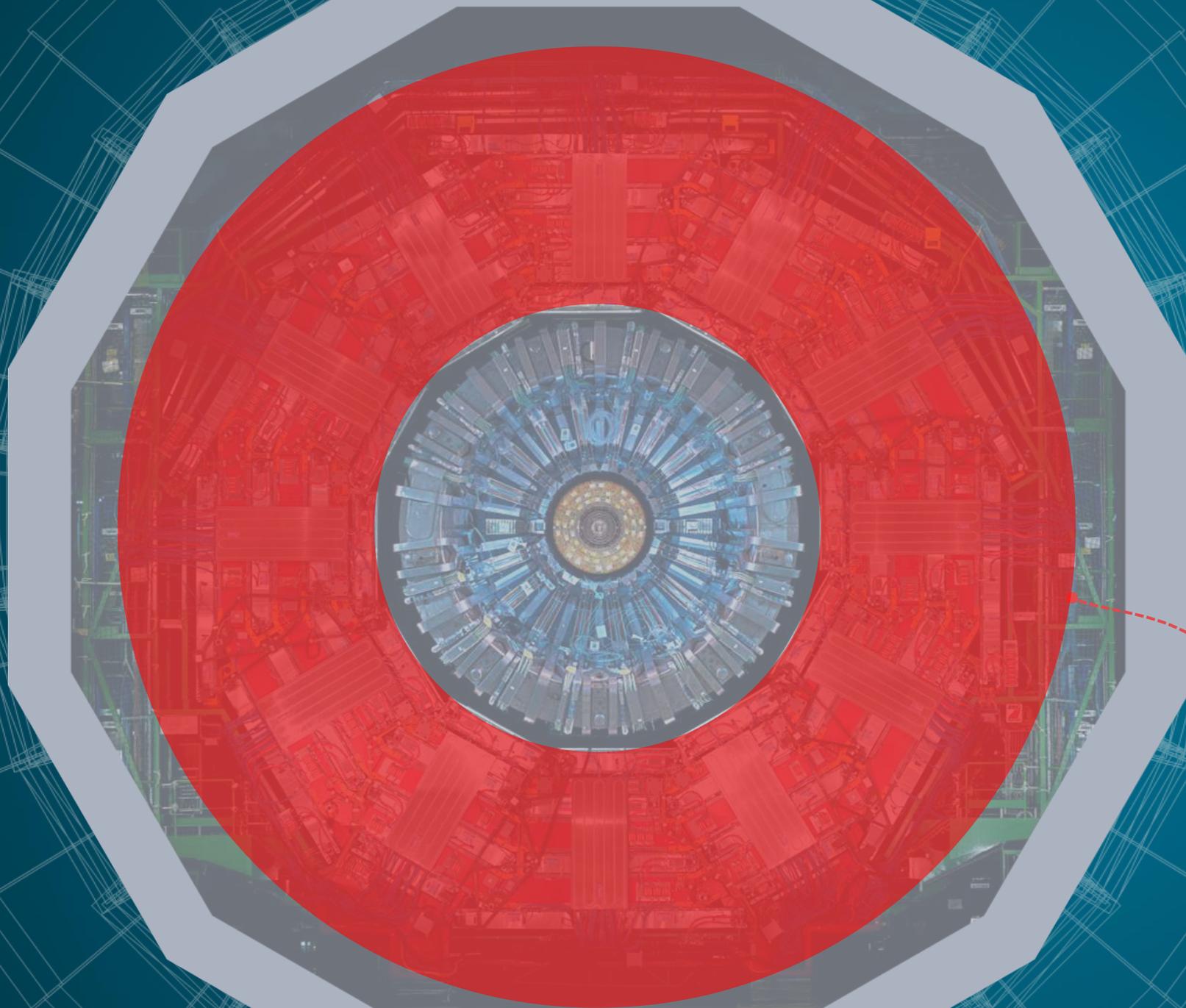


**Tracker / Trajectographe**

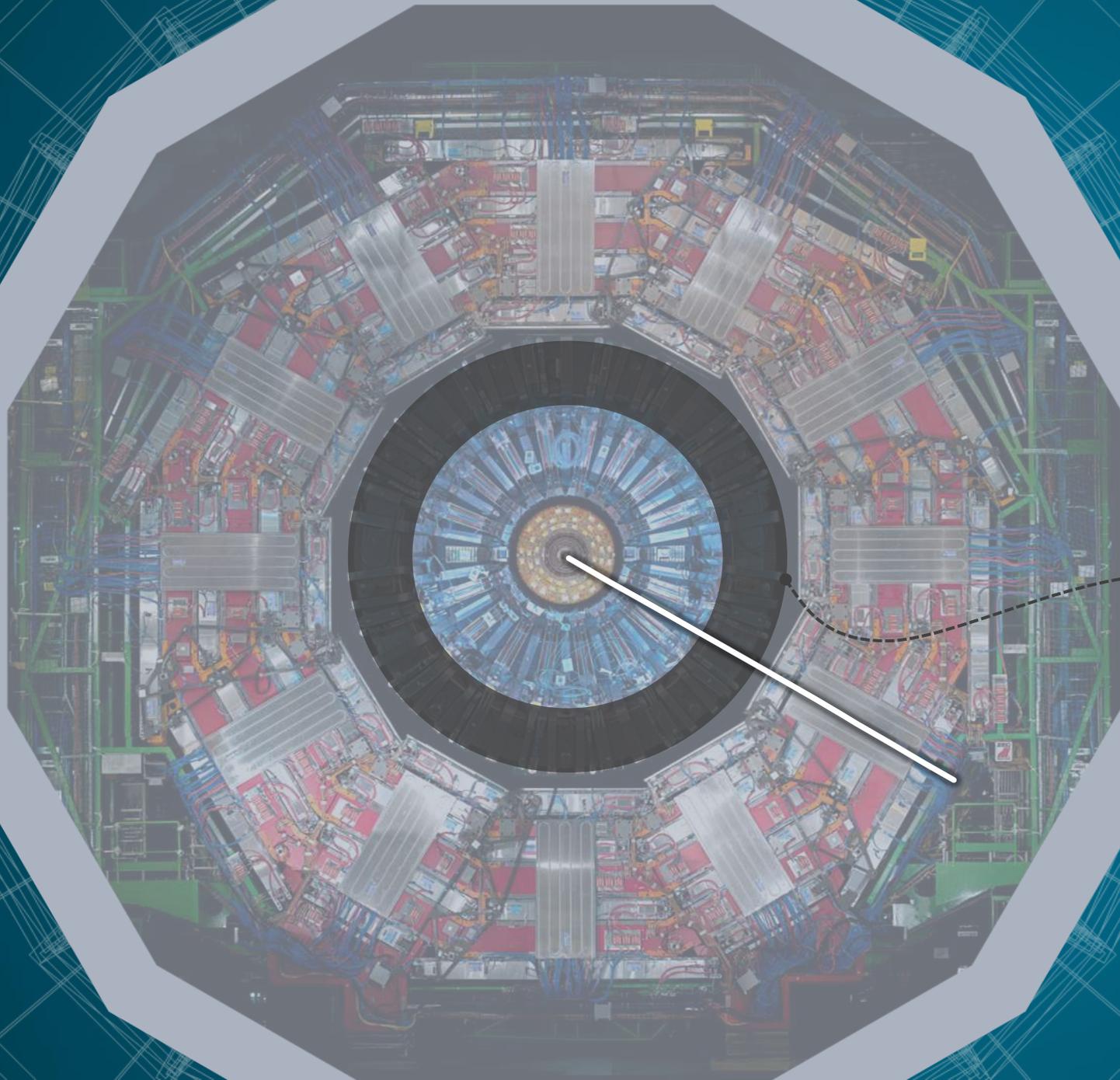




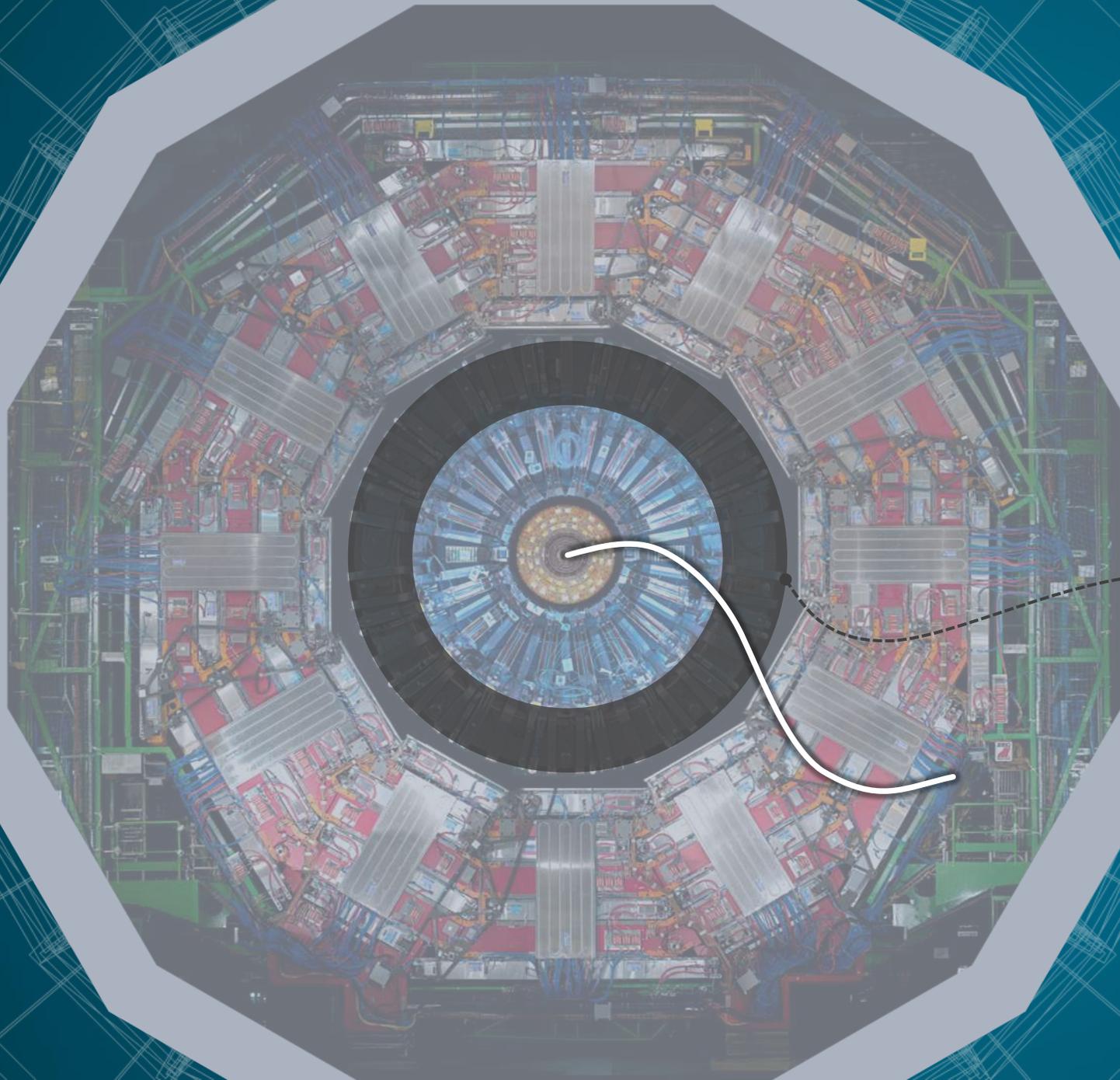
Calorimeter / Calorimètre



**Muon detector / Détecteur de muons**



Solenoid magnet / Aimant solénoïdal



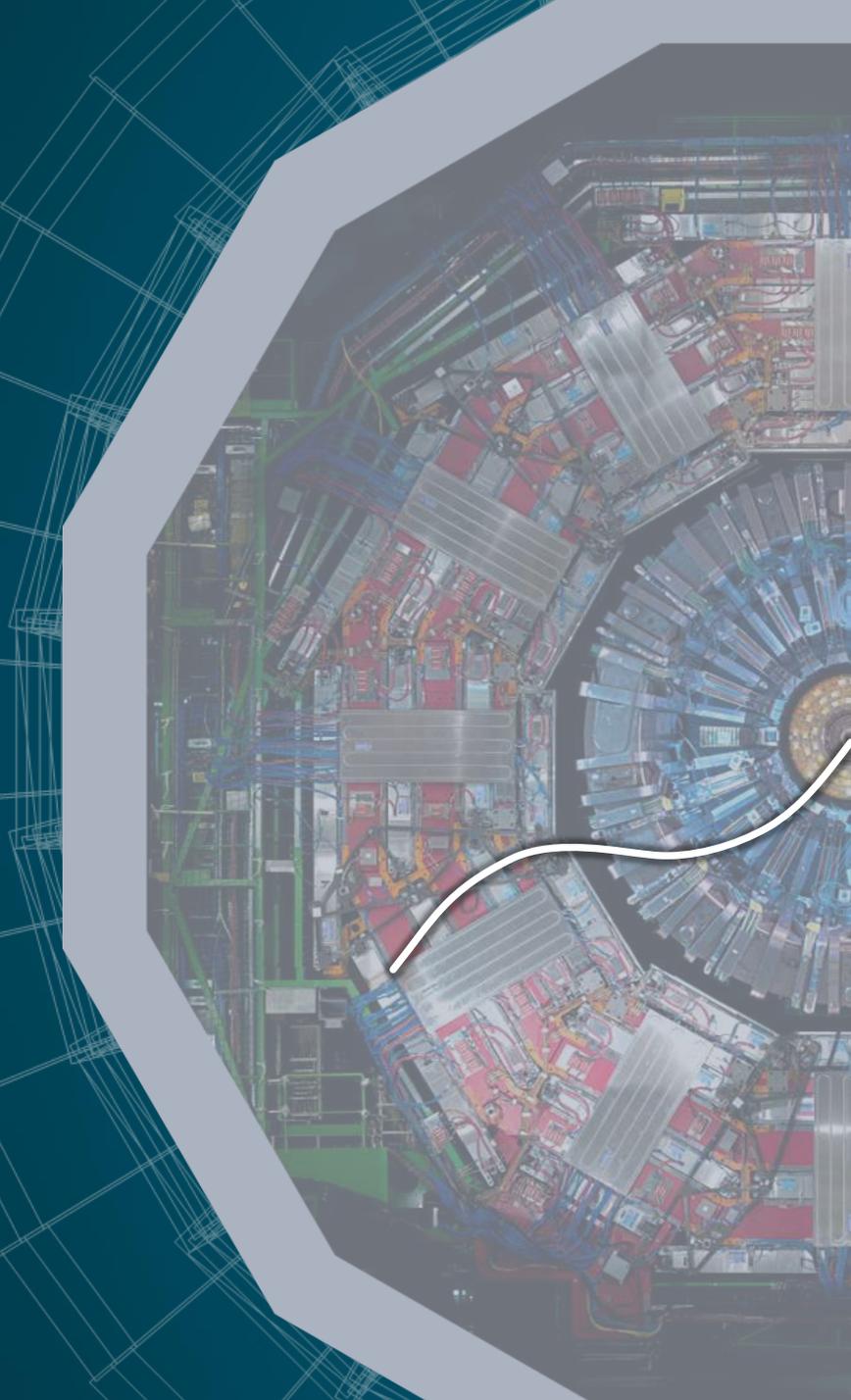
Solenoid magnet / Aimant solénoïdal



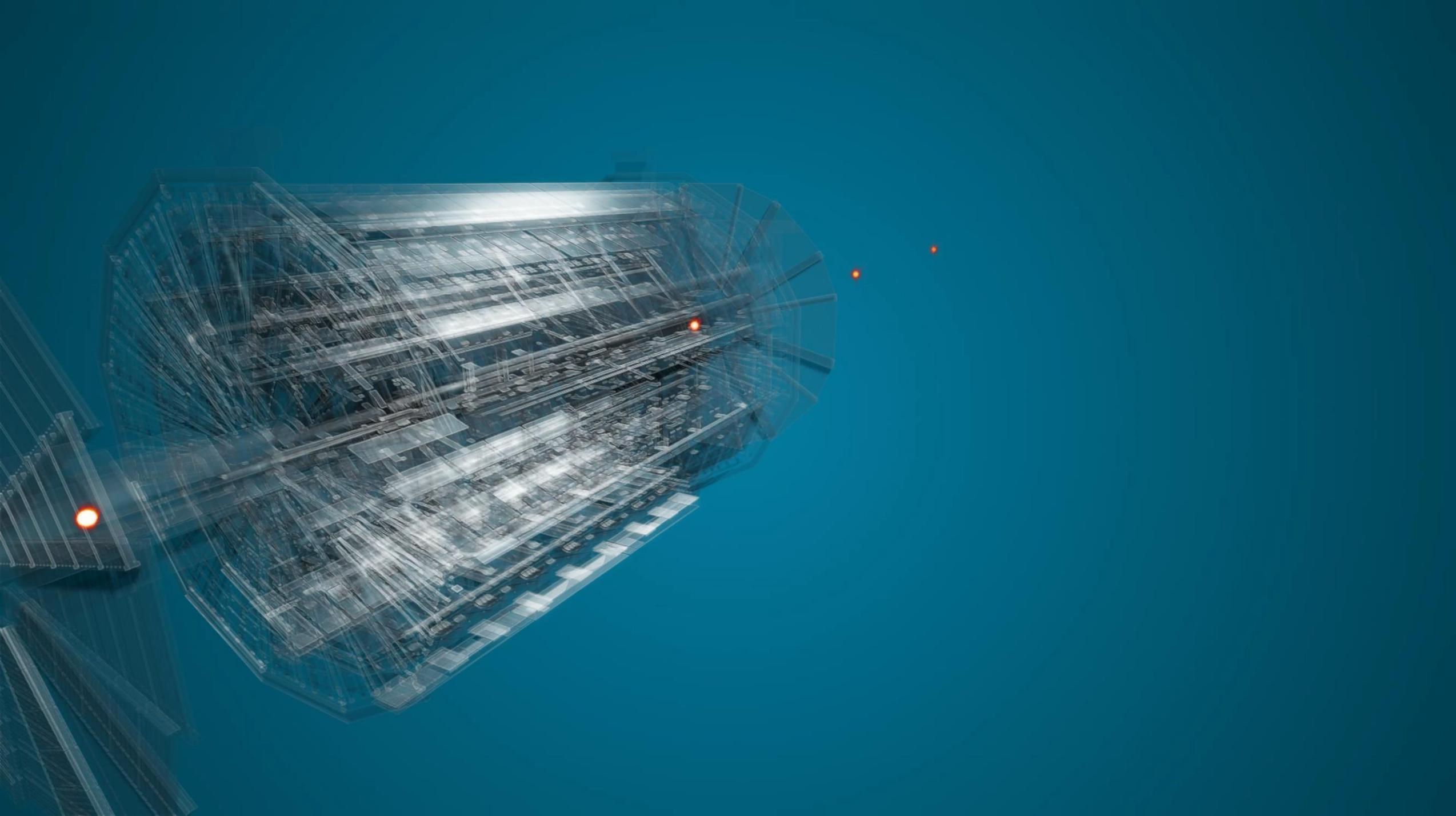
	Electron	Photon	Muon	Proton
<b>Tracker</b> Trajectographe	✓		✓	✓
<b>Calorimeter</b> Calorimètre	✓	✓	✓	✓
<b>Solenoid magnet</b> Aimant solénoïdal	↻		↻	↻
<b>Muon detector</b> Décteur de muons			✓	

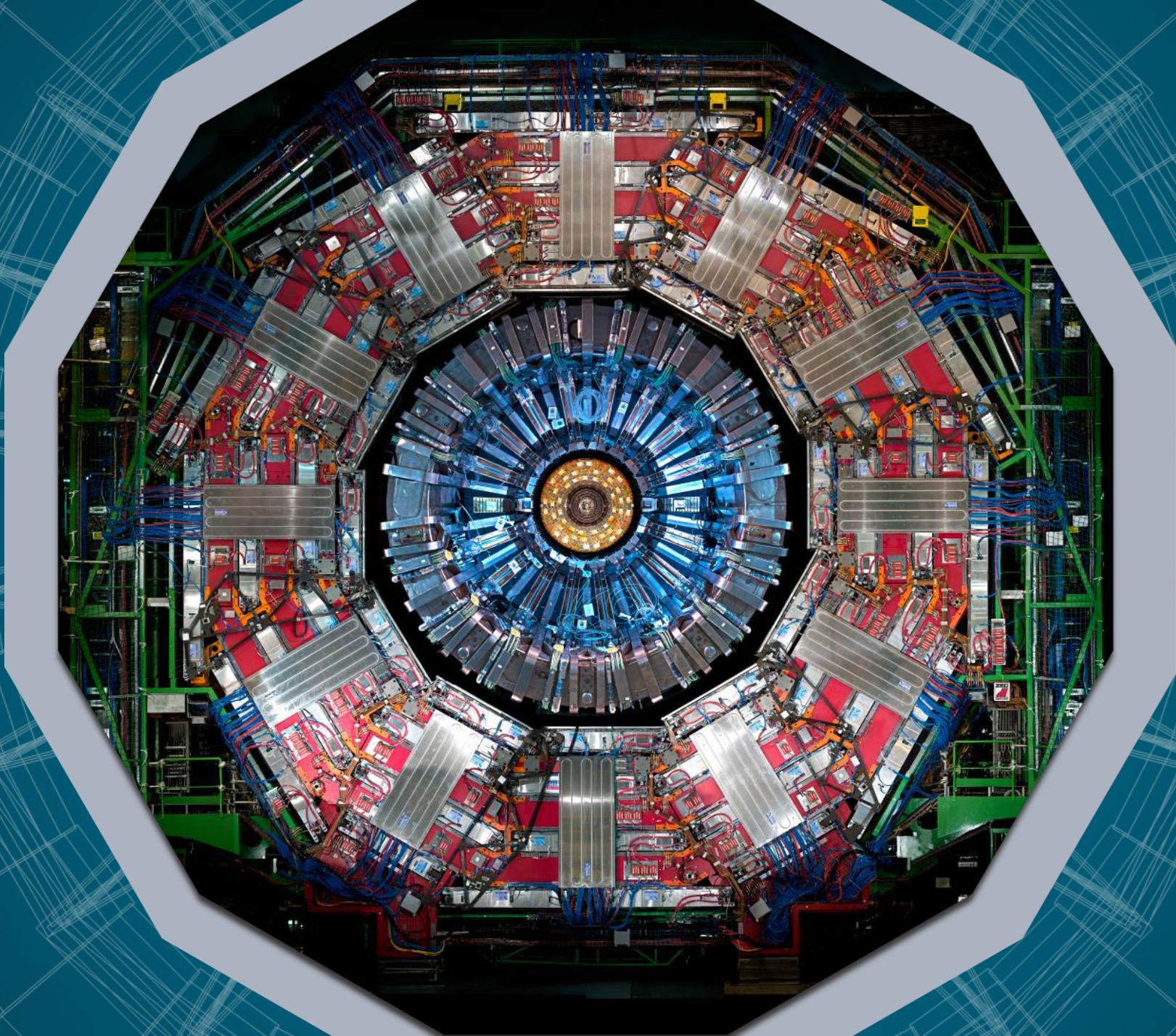


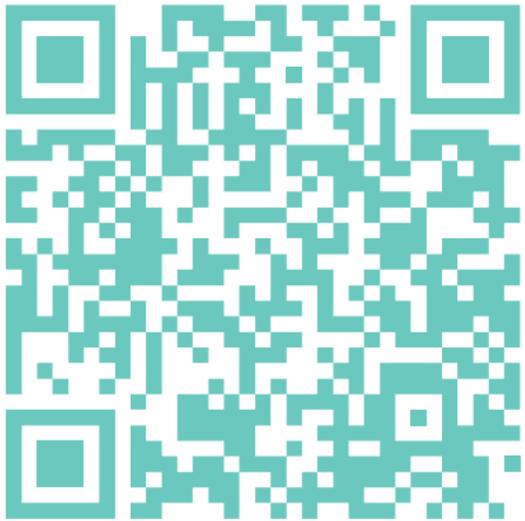
	Electron	Photon	Muon	Proton
<b>Tracker</b> Trajectographe	✓		✓	✓
<b>Calorimeter</b> Calorimètre	✓	✓	✓	✓
<b>Solenoid magnet</b> Aimant solénoïdal	↻		↻	↻
<b>Muon detector</b> Décteur de muons			✓	



	Electron	Photon	Muon	Proton
<b>Tracker</b> Trajectographe	✓		✓	✓
<b>Calorimeter</b> Calorimètre	✓	✓	✓	✓
<b>Solenoid magnet</b> Aimant solénoïdal	↻		↻	↻
<b>Muon detector</b> Détecteur de muons			✓	







# Educational Resources

Explore our online database to find out more about the science and technologies at CERN!

**Audience:** anyone who is curious to find out more

**Language:** English

A collection of educational resources developed in the framework of education and outreach activities at CERN help you to find out more. Whether you are a student, a teacher, or simply someone with a curious mind, these resources are designed to spark your interest by bringing you closer to the science and technology of CERN. [cern.ch/educational-resources](https://cern.ch/educational-resources)

The image features a solid blue background. In the center, there is a white wireframe sphere composed of many thin, intersecting lines that create a 3D effect. The word "BACKUP" is written in a clean, white, sans-serif font, centered within the sphere's opening.

BACKUP