

Introduction to FoCal projects

Author:

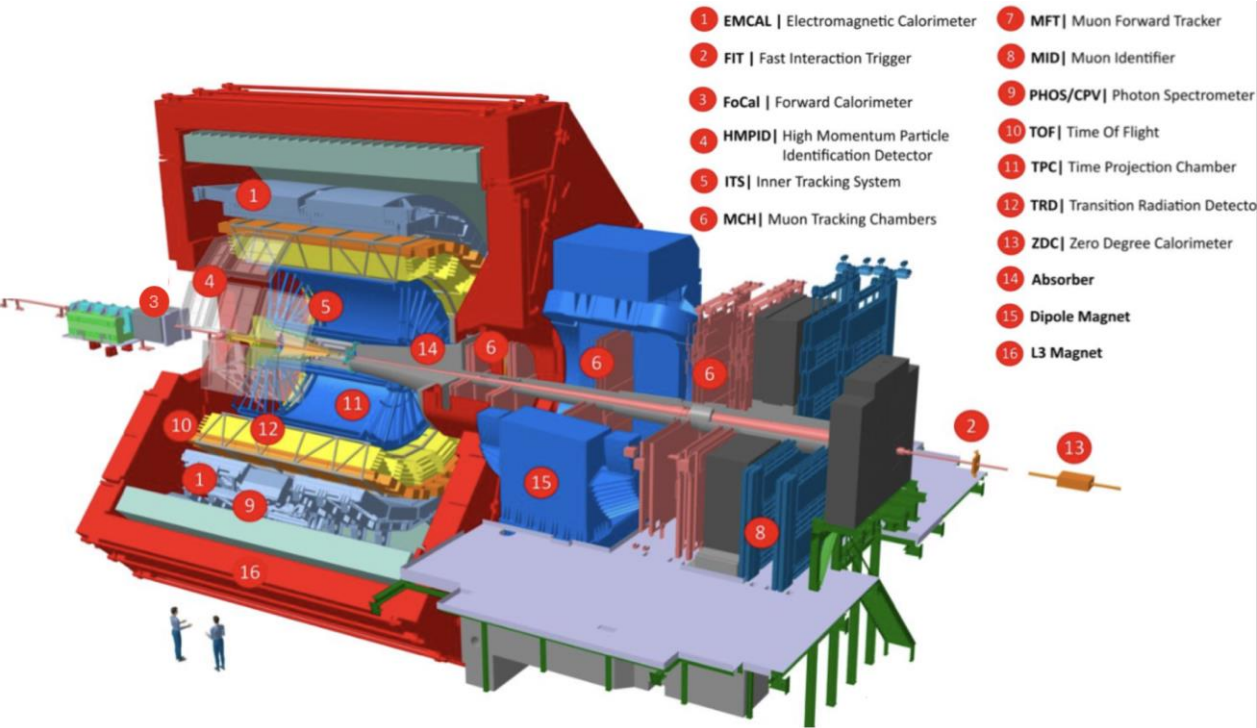
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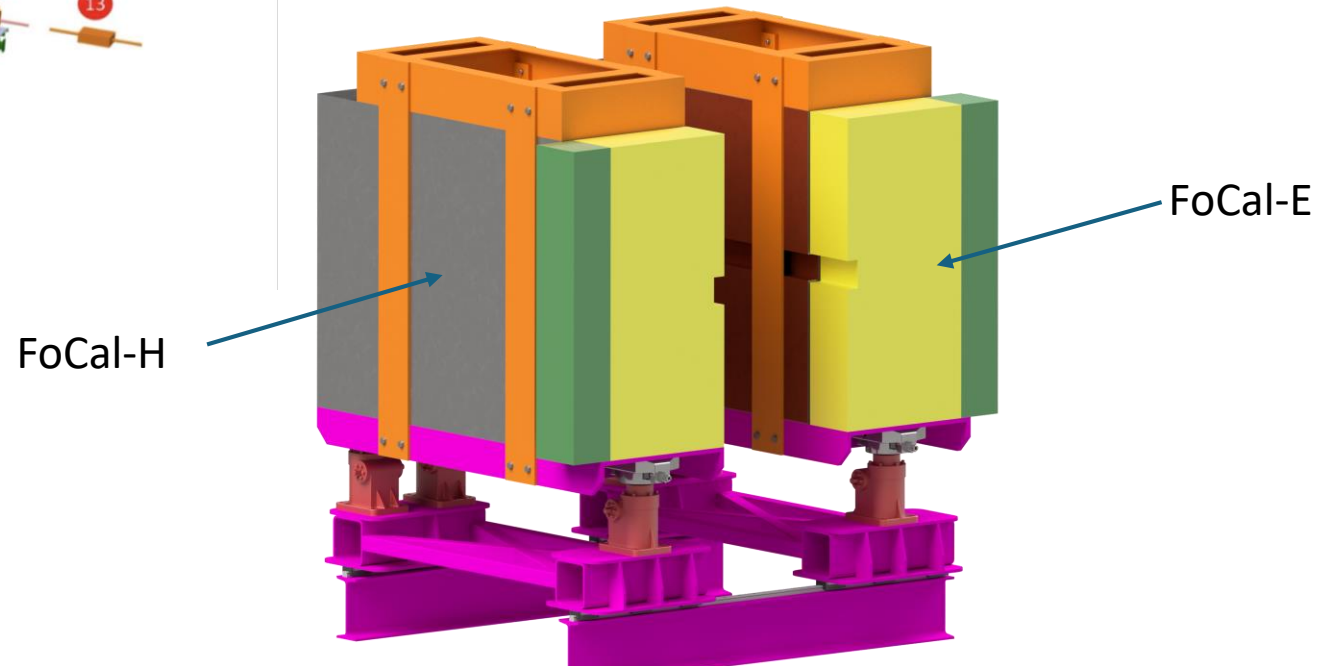
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ALICE Forward Calorimeter (FoCal)



FoCal has two components: a highly-granular, longitudinally-segmented silicon-tungsten (Si+W) electromagnetic calorimeter (FoCal-E) and a conventional metal-scintillator hadronic calorimeter (FoCal-H). FoCal will cover the pseudorapidity range $3.4 < \eta < 5.5$ over the full azimuth, and $3.2 < \eta < 5.8$ with partial azimuthal coverage. FoCal installation is foreseen for the end of the Long Shutdown (LS) 3.





Three projects three important tasks

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Development of ALICE-FoCal detector positioning system

Development of ALICE-FoCal lifting frame

Conceptual design of ALICE-FoCal-H mechanic