



Modeling studies for GEM chambers (CMS experiment)

Code	EP3866
Programme	FCT
Department	EP
Responsible	33762 - Dr. Duccio Abbaneo

Title

Modeling studies for GEM chambers (CMS experiment)

Description

In the frame of the construction of Micro Pattern Gas Detectors for the CMS experiment, the trainee will join the team of CAD experts in the EP/CMX group and will participate in the development of the 3D models of GEM chambers and their integration and installation in the Endcap region.

Requirements: Newly graduated mechanical engineer, with particular focus on mechanical design and construction and with a previous knowledge of the 3D modeller CATIA V5. Experience in the use of the PLM tool SmarTeam will be an asset, otherwise training can be provided.

Ability with the use of Structural and Fluid Computation tools like ANSYS could also be welcome.

Working Languages: English or French. Spanish an asset.

Skills

Mechanical Engineering: Computer integrated/aided design
CATIA 3D MODELER

Disciplines

Mechanical Engineering

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