



MINISTÈRE  
DE L'ENSEIGNEMENT SUPÉRIEUR,  
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PHAST  
PHYSIQUE  
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UNIVERSITÉ DE LYON



# Recherche d'un boson de Higgs de haute masse se désintégrant en paire de taus dans l'expérience CMS au LHC

Thèse de doctorat

Lucas TORTEROTOT

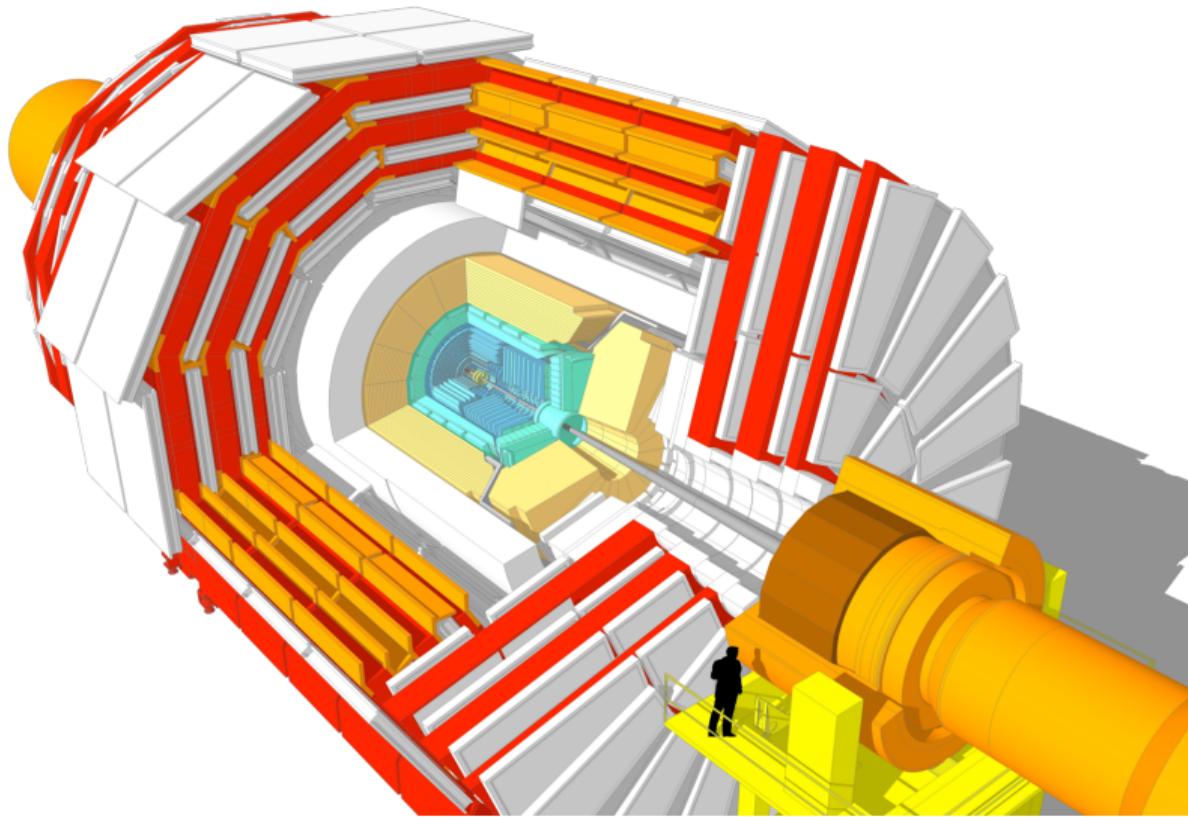
Institut de Physique des deux Infinis – Lyon

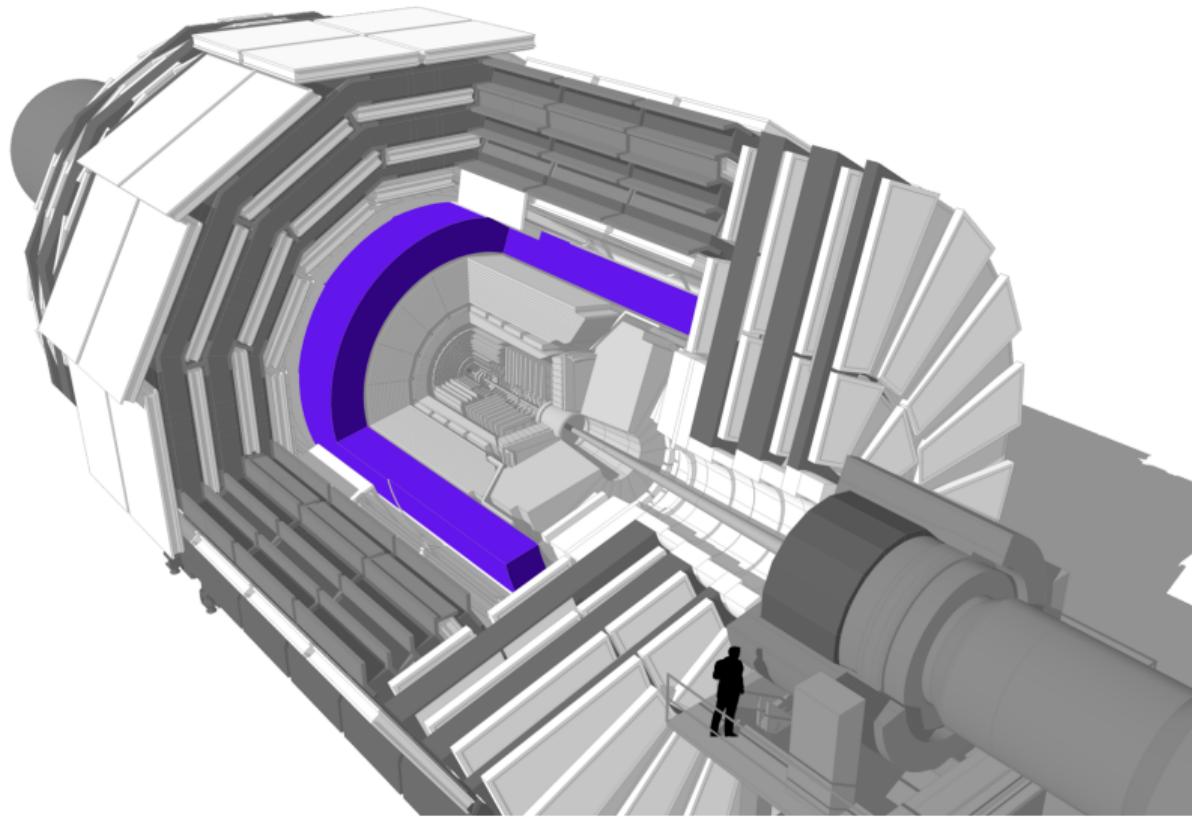
XX xxxx 2021

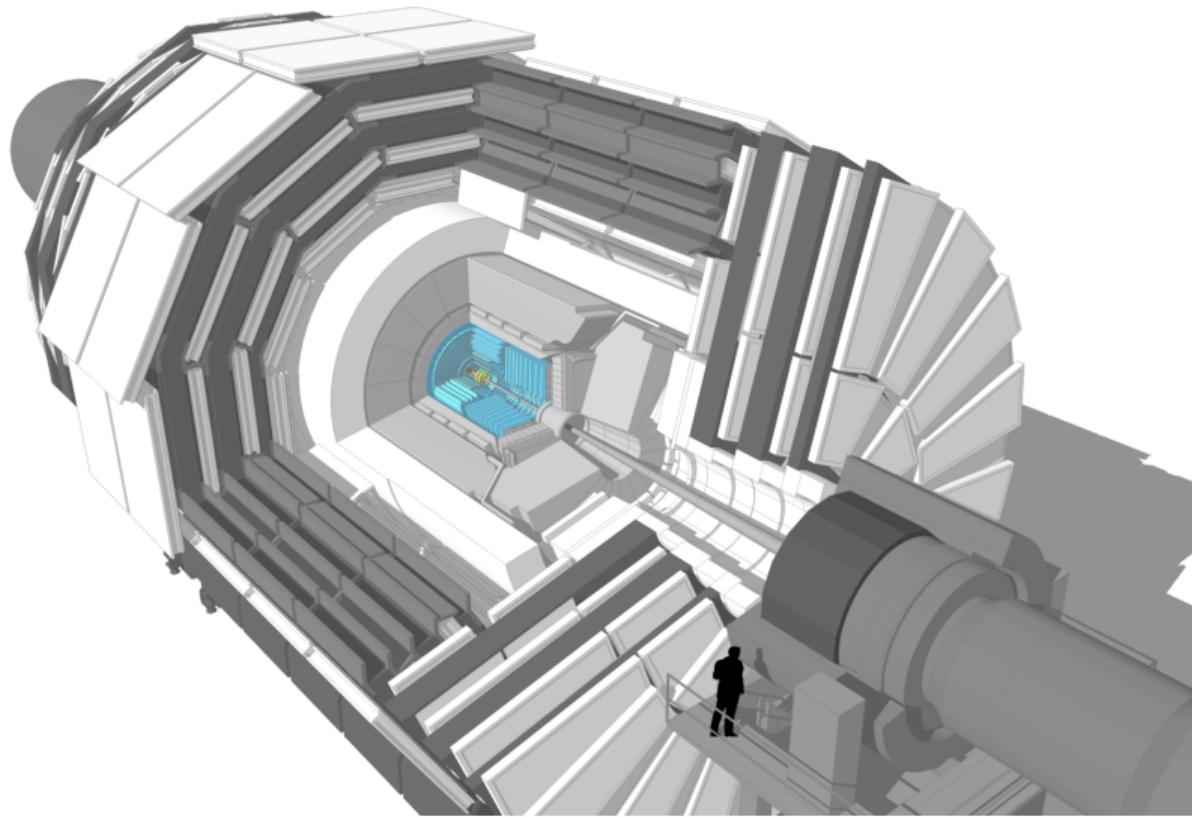


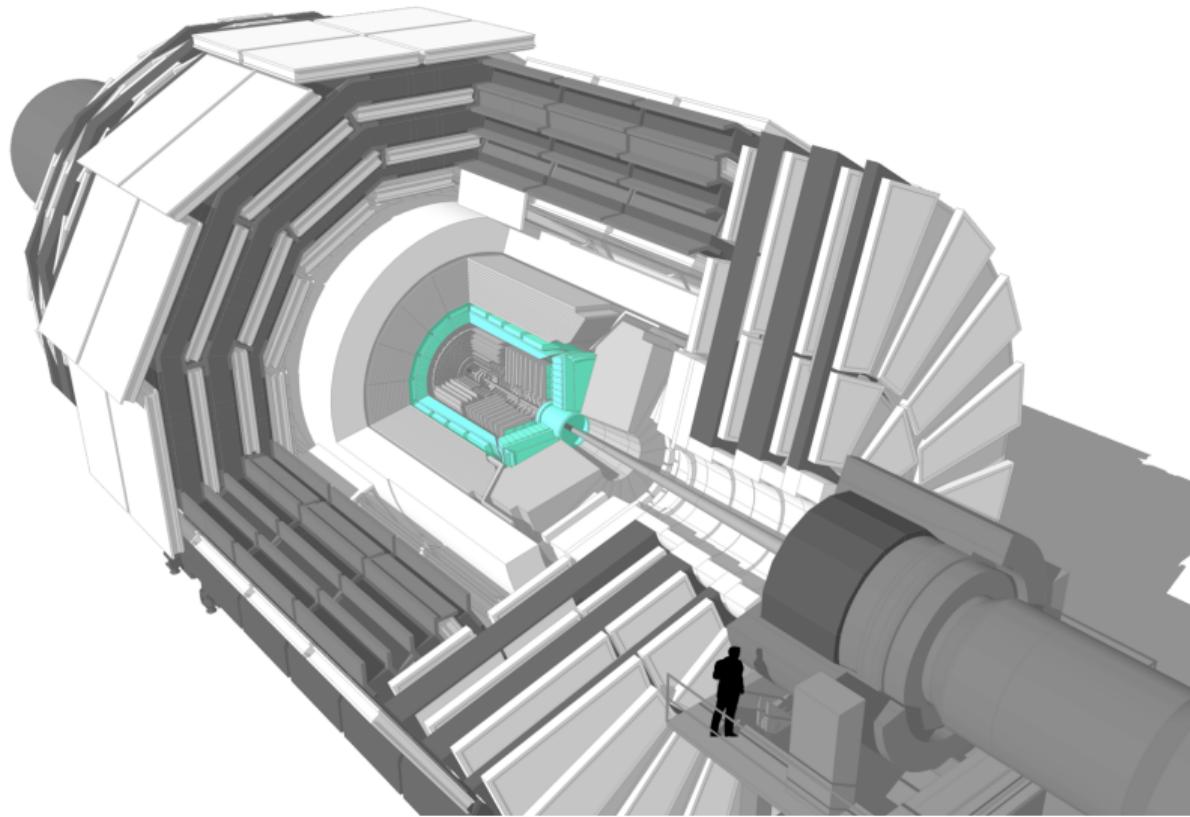
## 1 The CMS detector at CERN LHC

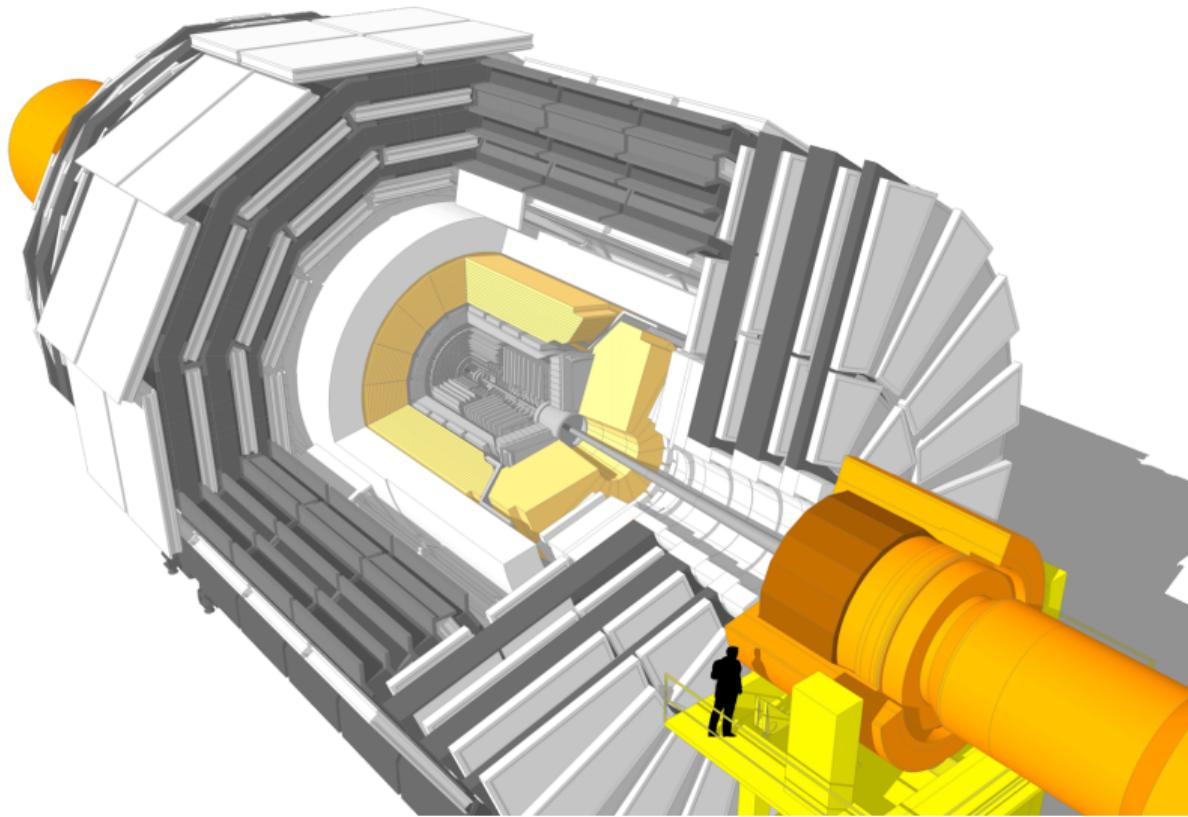
- CERN LHC
- The CMS detector

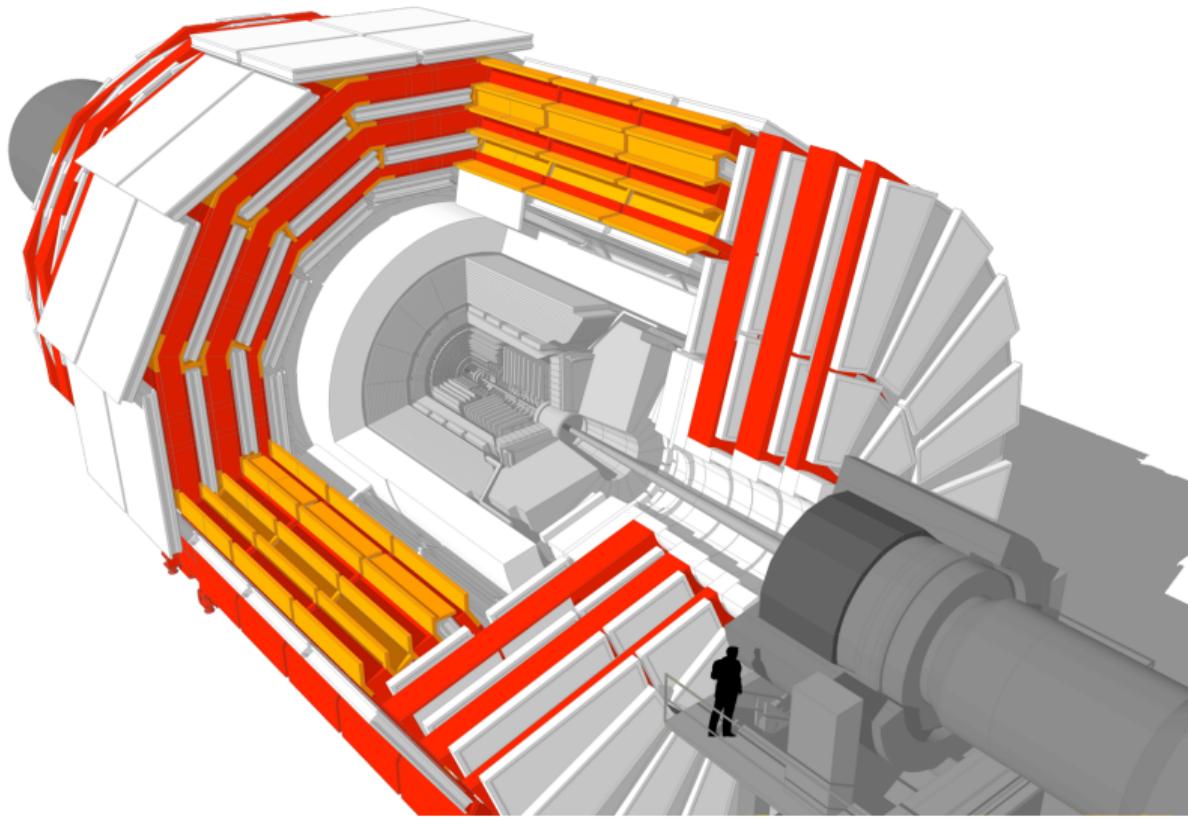










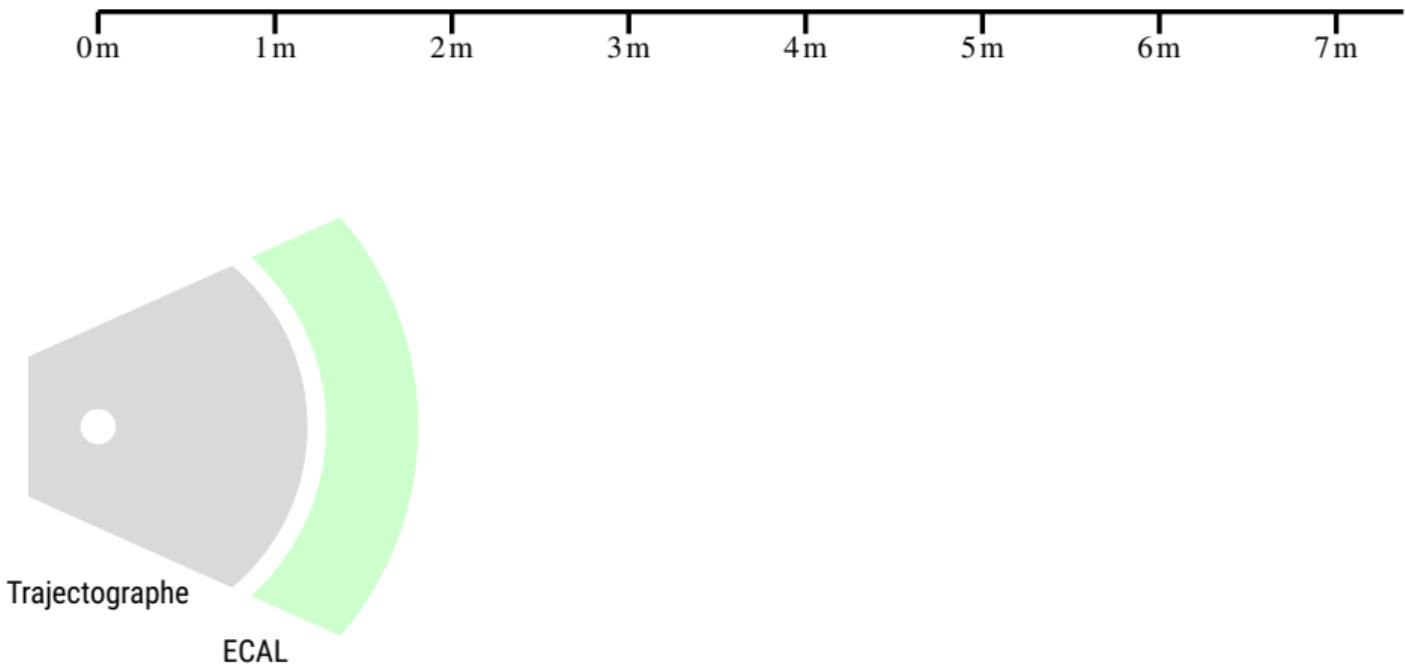


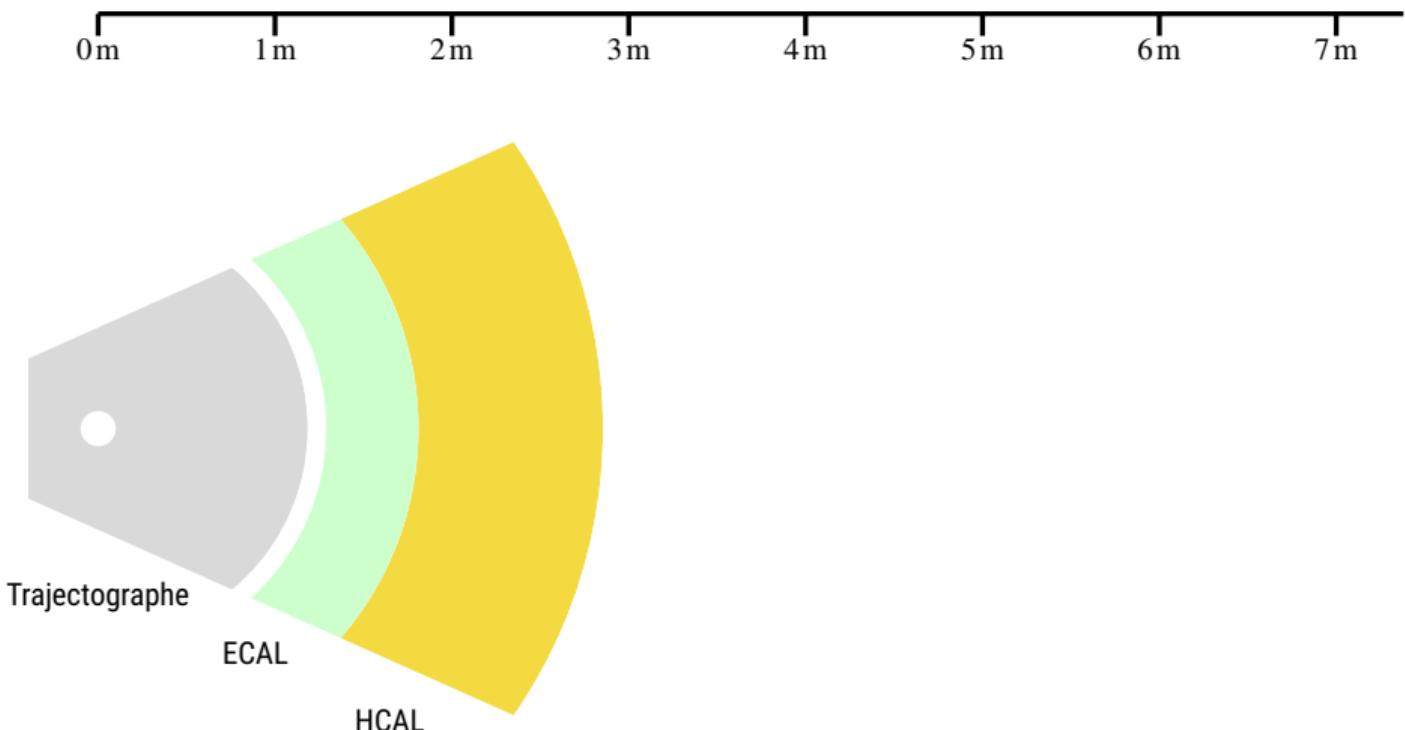


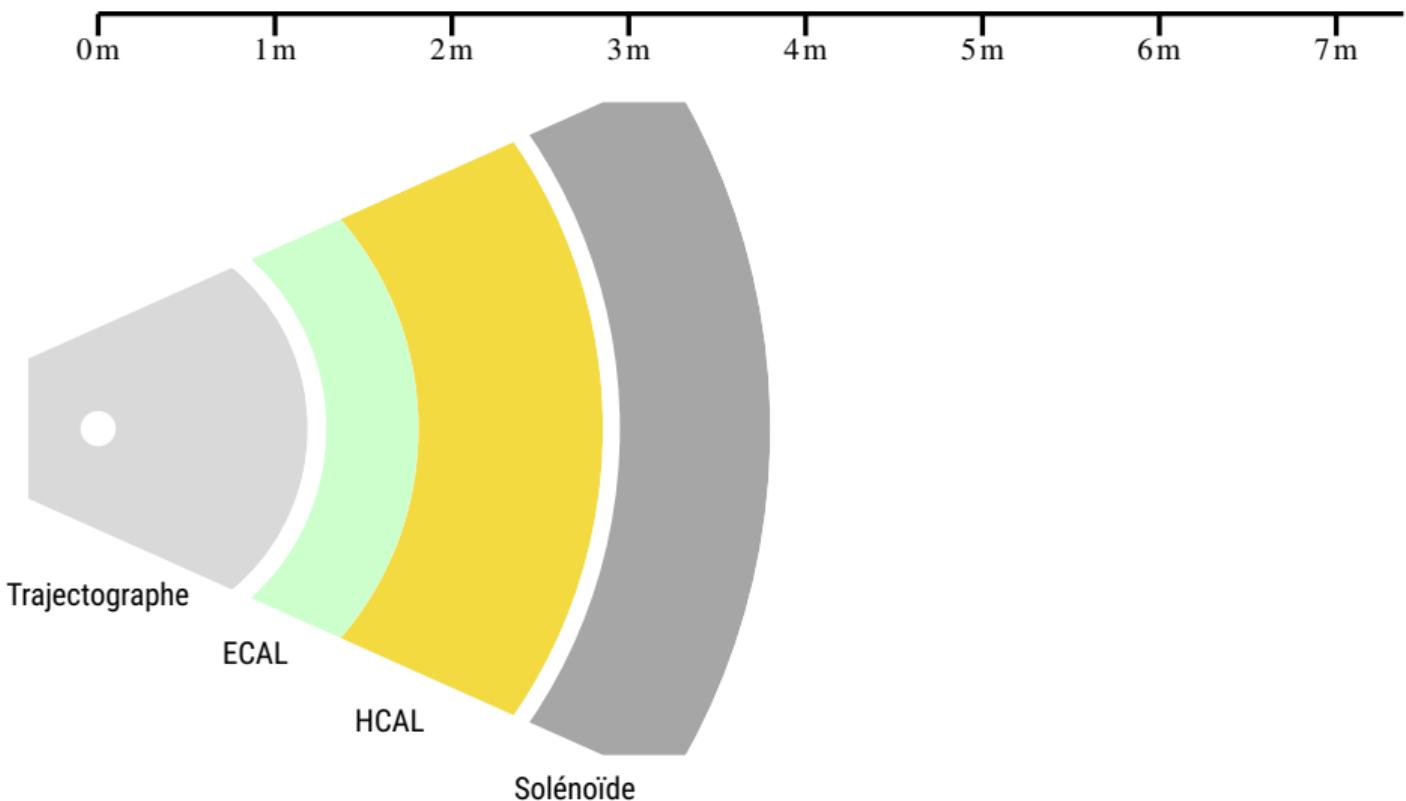


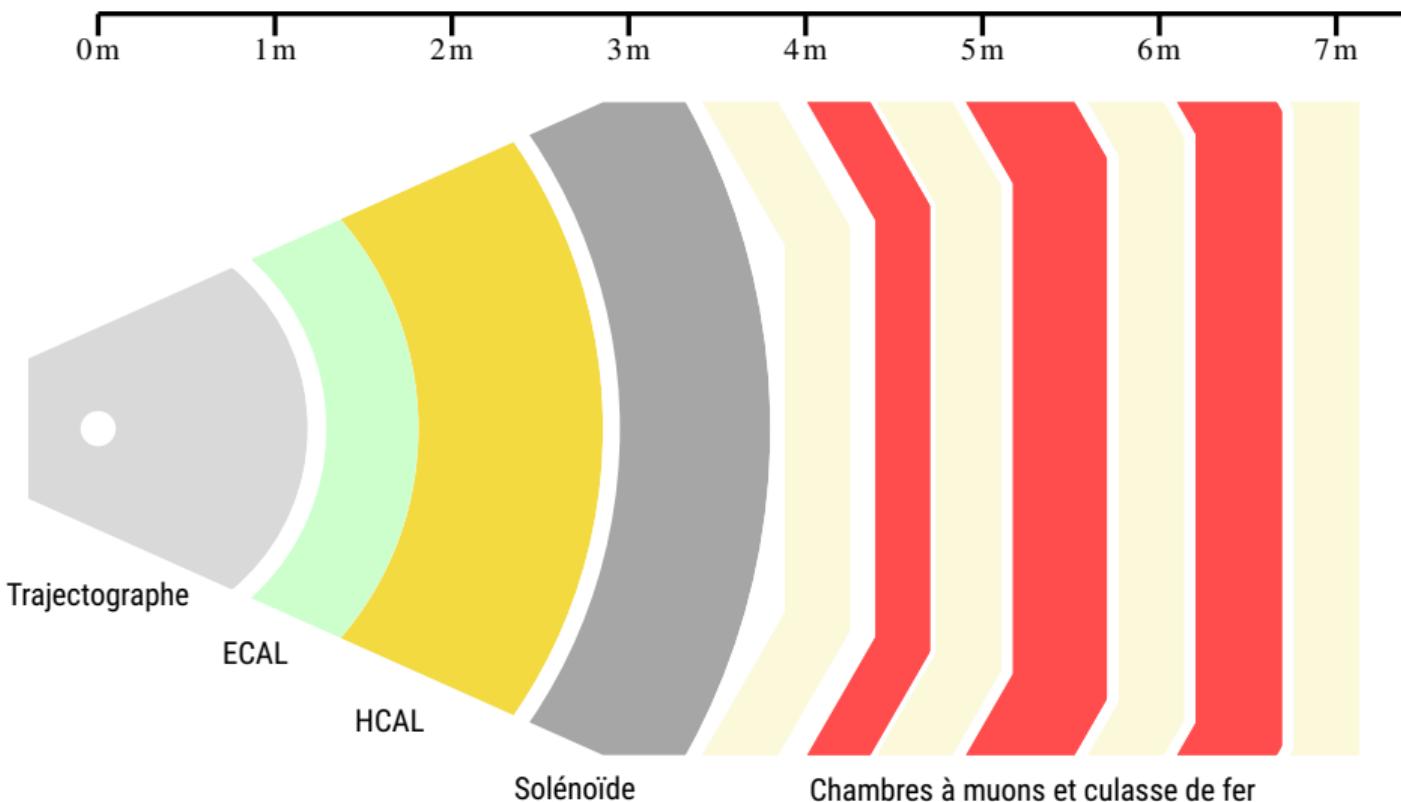


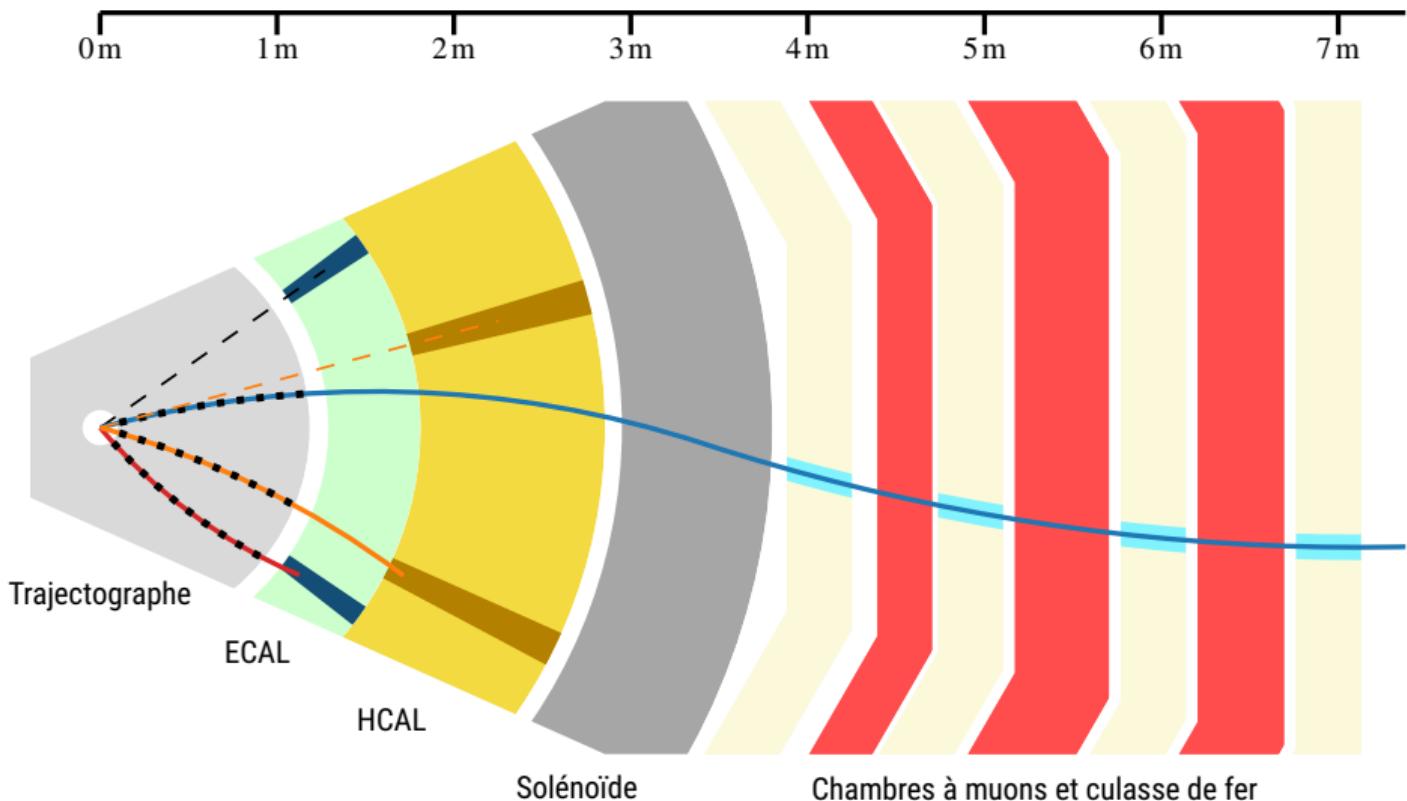
Trajectographe

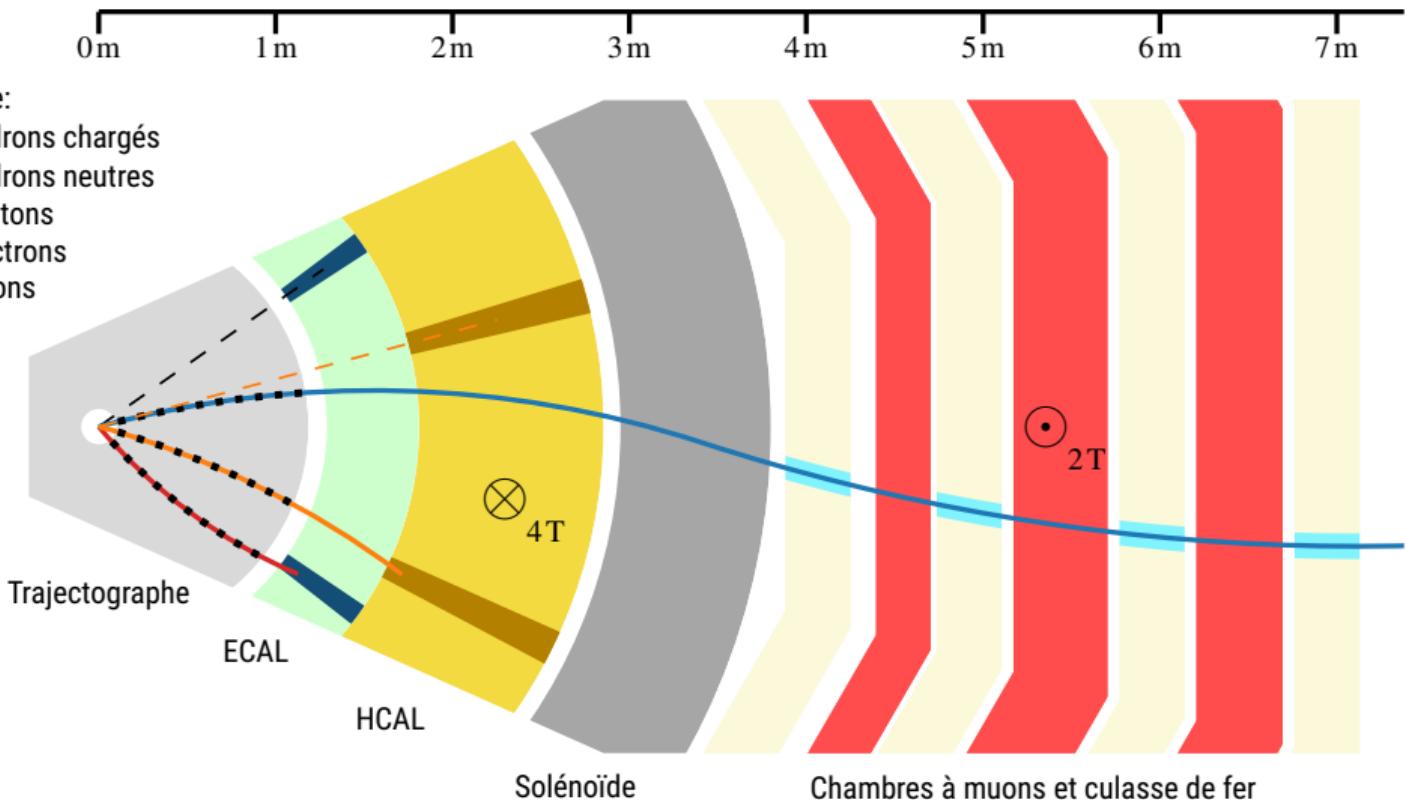












Thank you for your attention!