

PostDoc CMS+FCC

24 mois \geq 1 mars 2022

70% CMS \rightarrow Roberto

30% FCC-ee:

- 1) Formation + Mise en place d'un outils générique de l'estimation du flux de donnée (\rightarrow puissance consommée) à partir des simulation existantes : 2 m
- 2) Optimisation des paramètres granularité 4D / puissance : 3 m
- 3) Mise en place d'une simulation IAr : 2m (en // de 1. et 2.)
 - Pour cette dernière, pas mal d'outils existent déjà, qui devraient être "simple" à adapter sur un modèle existant : <https://github.com/iLCSoft/lcgeo>
Aide de Nicolas Morange possible
- 4) (Estimation/Comparaison pour des canaux simples ZH ($Z \rightarrow ee, jj$), si possible)

ILCSoft / DD4Hep <https://github.com/iLCSoft/lcgeo>

| Folder | Commit Description | Time Ago |
|---------------|---|---------------|
| .github | CI: replace travis with github actions | 5 months ago |
| .gitlab-ci.d | Revert LCIO, because CMake does not work properly with --prefix | 6 years ago |
| CLIC | CLIC_o4_v14: only leave lcgeo relevant parts in README | 2 years ago |
| CaloTB | Added CALICE testbeam 'TBModel2015' compact, material and steer... | 6 years ago |
| FCCee/compact | FCCee_o2_v01: detector model with smaller beampipe and closer ve... | 3 years ago |
| FCalTB | Adapt to changes in namespaces and LCDD --> Detector | 5 years ago |
| ILD | ILD: missing file for small model's anti-DID map | 4 years ago |
| SiD | Fix XML comment syntax in some SiD files. | 3 months ago |
| cmake | - fixed typo (DYLD -> LD) | 7 years ago |
| detector | CMake: Remove boost, use target_include_directories | 5 months ago |
| doc | Release Notes for v00-16-07 | 3 months ago |
| example | python3 compatibility | 17 months ago |
| fieldmaps | add 4T solenoid field map for ILD_s5_o?_v03 models | 4 years ago |
| lcgeoTests | Added test for FCCee_o2_v01 | 3 years ago |
| plugins | Add plugin to set sorting policy for given surfaces | 3 years ago |