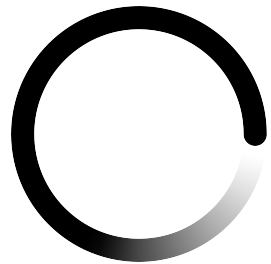


FCC Detector Full Sim

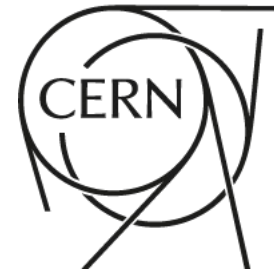
News

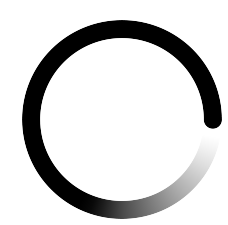
Brieuc Francois (CERN)

Jun. 26th, 2023

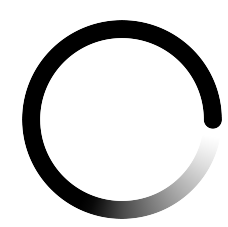


**FUTURE
CIRCULAR
COLLIDER**

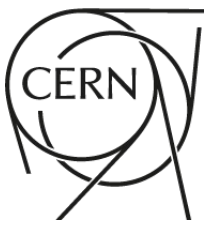




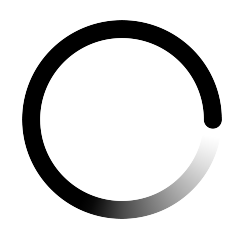
- FCCDetectors → k4geo migration has started!
 - [PR#276](#) Noble Liquid ECAL barrel detector builder + documentation
 - **Merged**
 - [PR#271](#) ARC (PID) barrel + endcap detector builders, compact file, examples, tests, documentation
 - **Under review (well advanced, will likely be merged very soon)**
 - [PR#273](#) Detailed version of the vertex detector builder, embryo for full IDEA detector compact file, examples
 - **Under review**
 - Full Noble Liquid based concept compact migration starting
- **To be addressed**
 - Dual readout crystal ECAL
 - Dual readout fiber HCAL
 - Drift Chamber



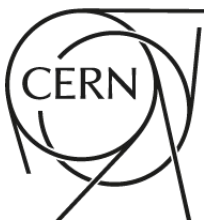
Events of interest



- **Past events**
 - FCC week joint detector/SFT session
 - General status, IDEA vertex, ARC, Dual readout calorimeters, TileCal
 - Future Colliders Seminar **Detector requirements and concept for future ee colliders**
- **Upcoming events**
 - This afternoon **FCC General Software meeting**
 - Status of CLD tracking, ILC Dirac for FCC (grid submission)
 - **ECFA meeting on reconstruction**
 - July 11th and 12th, CERN + Zoom
- Next FCC Detector Full Sim working meeting
 - Will be announced next week
 - Will likely be in the afternoon



Today's Agenda



FCC Detector Full Sim Working Meeting

Monday 26 Jun 2023, 11:00 → 12:00 Europe/Zurich

Brieuc Francois (CERN)

Videoconference

zoom FCC Detector Full Sim

Join

11:00 → 11:10 **News**

Speaker: Brieuc Francois (CERN)

10m

11:10 → 11:20 **Round table discussion**

10m

11:20 → 11:40 **CLD tracker studies**

Speaker: Gaelle Sadowski (Centre National de la Recherche Scientifique (FR))

20m

11:40 → 12:00 **Handling fields in Key4hep**

Speaker: Juraj Smiesko (CERN)

20m

[Fields in Key4hep](#)