

FCC activities in Clermont (2022):

- Flavour program

- Continue the effort on rare decays of beautiful particles with taus.
- Convenership of the Flavour group.
- One M2 internship enrolled.

- Flavours and top

- Wilson Coefficients global fit of observables from low energy rare decays ($b \rightarrow s \ell \ell$ at first), Z pole EW observables (as R_b) and top observables (cross-section, width, decays).
- Two-fold analysis: global fit and design of the observable measurements.
- Co-tutelle PhD w/ TU Dortmund (one year in Clermont).

- Detectors:

- Contribution to the proof of concept of the Powder_O calorimeter
- Cosmic muon test bench (electronics and data analysis).