



Contribution ID: 130

Type: Oral presentation (by invitation only)

## Long lived particles at FCC

*Tuesday 31 May 2022 14:44 (22 minutes)*

The two stage FCC program with electron positron and proton proton collision offers a unique opportunity to search for long lived particles in a clean electron positron environment as well as in high energy high luminosity proton proton collisions. I take an overview of the opportunities for searching for long lived particles both at FCC-ee and FCC-hh. I present several examples of motivated physics scenarios featuring long lived particles and sensitivity of FCC program to the corresponding parameter space.

**Author:** KULKARNI, Suchita (University of Graz)

**Presenter:** KULKARNI, Suchita (University of Graz)

**Session Classification:** PE&D

**Track Classification:** PE&D