

DarkLight @ ARIEL update

- Reminder: new experiment using ARIEL e-linac to search for new bosons of around 10-20 MeV mass
- Since last ACOT:
 - CFI application to fund 50 MeV upgrade submitted via UBC
 - Workshop & first collaboration meeting held at TRIUMF
 - First beam on target data taken; backgrounds being studied
- Next six months:
 - Construct triggers; finalise DAQ design
 - Collaborators to begin magnet and chamber construction, finish GEM tests
 - Commission extra components for 30 MeV run
- Longer term plans
 - Next winter, 30 MeV run
 - CFI result in July. If positive, begin serious plans for 50 MeV

