CalVision Updates July 2023

- Technical collaborations begun with FCC Detector Full Sim group (https://indico.cern.ch/category/16938/)
  - Tracker, IDEA, others
  - Sharing code and lessons learned
  - IDEA detector w/ crystals presented at FCC Week
  - Common repo for geometries (https://github.com/key4hep/k4geo)
  - Common repo for full sim TBD

- New small working group formed with Marco and Flavia on crystal ECAL simulation
  - Decoupling ECAL from IDEA sim package (https://github.com/SCEPCAL/SCEPCAL)
  - Regular merge meetings to combine progress and compare notes
  - Implementing latest edm4hep collections and modifying where necessary with an eye for capturing PFA-relevant fields efficiency
    - Thinking ahead to make consistent/uniform subdetector fields for PFA algorithms
  - SiPMs/Digitization step deprioritized for now
  - Aiming for 'proto-PFA' reconstruction by end of summer