Status of Segmented Crystal ECAL Simulation

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- Reconstruction in progress see <u>slides</u> by Flavia at last week's FCC full sim meeting (<u>https://indico.cern.ch/event/1340540/</u>)
- Preparing for merge into key4hep geometry repo ("k4geo") (<u>https://github.com/key4hep/k4geo/tree/master/FCCee</u>)
- IDEA full simulation prep:
 - Decision made on collective (tracker, ECAL, HCAL) migration to ddsim (instead of k4SimGeant4)
 - Technical note documenting IDEA full simulation in progress
- IDEA w/ crystal option added to FCC-ee detector full sim website (<u>https://fcc-ee-detector-full-sim.docs.cern.ch/IDEA/IDEA crystals/</u>)
- May be first FCC-ee specific detector full sim Others:
 - ALLEGRO noble liquid ECAL, iron/scint HCAL, same drift chamber as IDEA
 - CLD from CLIC SiW ECAL, steel/scint HCAL, silicon tracker