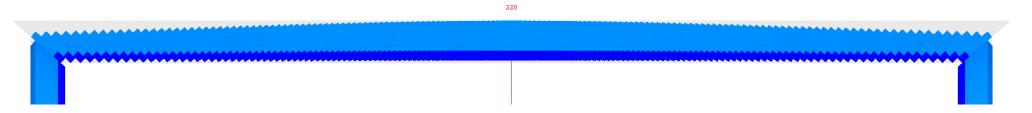
Status of Segmented Crystal ECAL Simulation - Jan 2024

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- Detector geometry optimizations complete after feedback from dd4hep developers
 - Created intermediate volumes (barrel -> slices, endcap -> conic sections) to limit to ~ <1000 daughter volumes per mother volume



- Able to run at full granularity (10x10 mm crystal faces)
- Able to run with latest key4hep environment on lxplus7
 - Local install runs on AlmaLinux 9 with spack package manager and provided key4hep-spack environment
- Migration to ddsim WIP
- Ongoing discussion of merging with tracker, IDEA into a full sim with shared data types ("Sensitive Detectors")
- Flavia to present at <u>Annecy FCC workshop</u> next week

