

## "Real" world

## LArVoxelReadoutGeometry (TPC simulation)

## OpDetReadoutGeometry (Optical simulation)

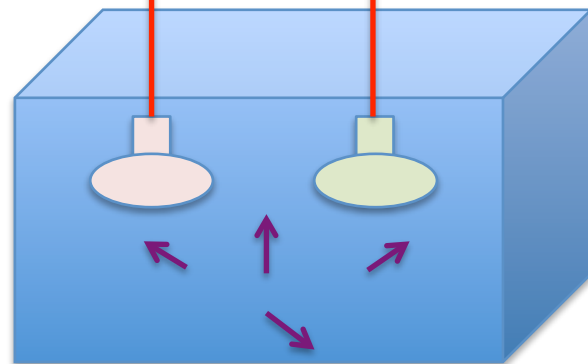
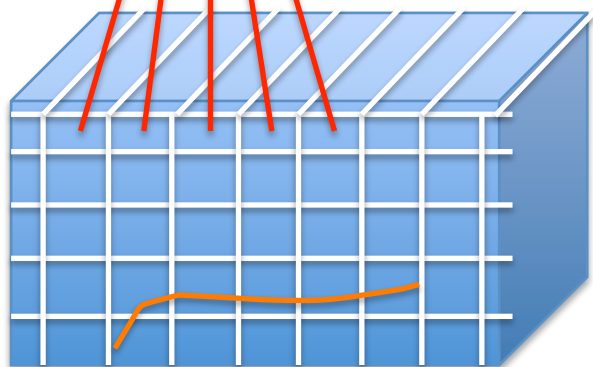
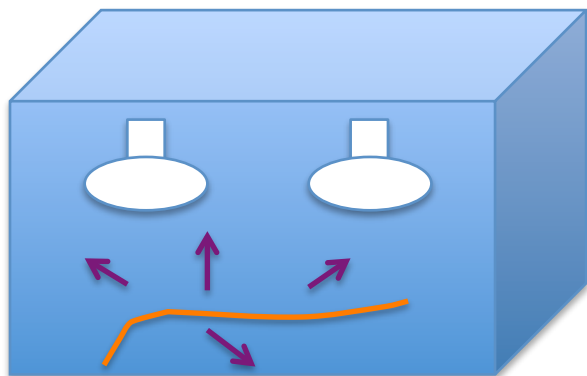
No sensitive detectors

Record energy losses

LArVoxelReadout

Record photon detection

OpDetSensitiveDetector



- Full physical geometry
- Both photons and particles stepping

- Voxels for charge deposit measurement
- Photons do not exist

- Separate sensitive volumes per PMT
- Photons exist
- No other particles exist