

Pre-TDR: Photon Reco/ID

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Photon Reco/ID

- Clustering
 - Intro to clustering, including cluster splitting
- Photon ID
 - Charge veto (tracking), neutral hadron veto (HCal), shower profile (including ML)
- Photon Energy Measurements
 - Sum up tower energies in a (sub-)cluster, corrections (non-uniformity, non-linearity)
- Photon Position Measurements
 - Algorithms, specifics of non-projective geometry, position resolution
- Pi0/Gamma Discrimination
 - Shower profile (including ML), reference to the plot in Detector section
- Additional capabilities in Barrel Imaging EMCal
 - High position resolution with imaging layers, ML for e/pi and pi0/gamma from 3D shower profile, reference to e/pi plot in Detector section

Status:

Text exists (no major modifications planed ... unless suggested)
No figures/plots yet ... may include position resolution plot