

# Particle Flow

- Jet energy is traditionally measured with the ECAL and HCAL. This limits the jet energy resolution ( $\frac{\Delta E_{JET}}{E_{JET}}$ ) (intrinsic HCAL resolution).
- Typical jet content: 60% charged hadrons, 30 % photons and 10 % neutral hadrons
- Particle flow aims at measuring the energy of individual particles in the most optimal sub-detector to improve the resolution;

Charged hadrons in the tracker, Photons in the ECAL, Neutral hadrons in the HCAL

