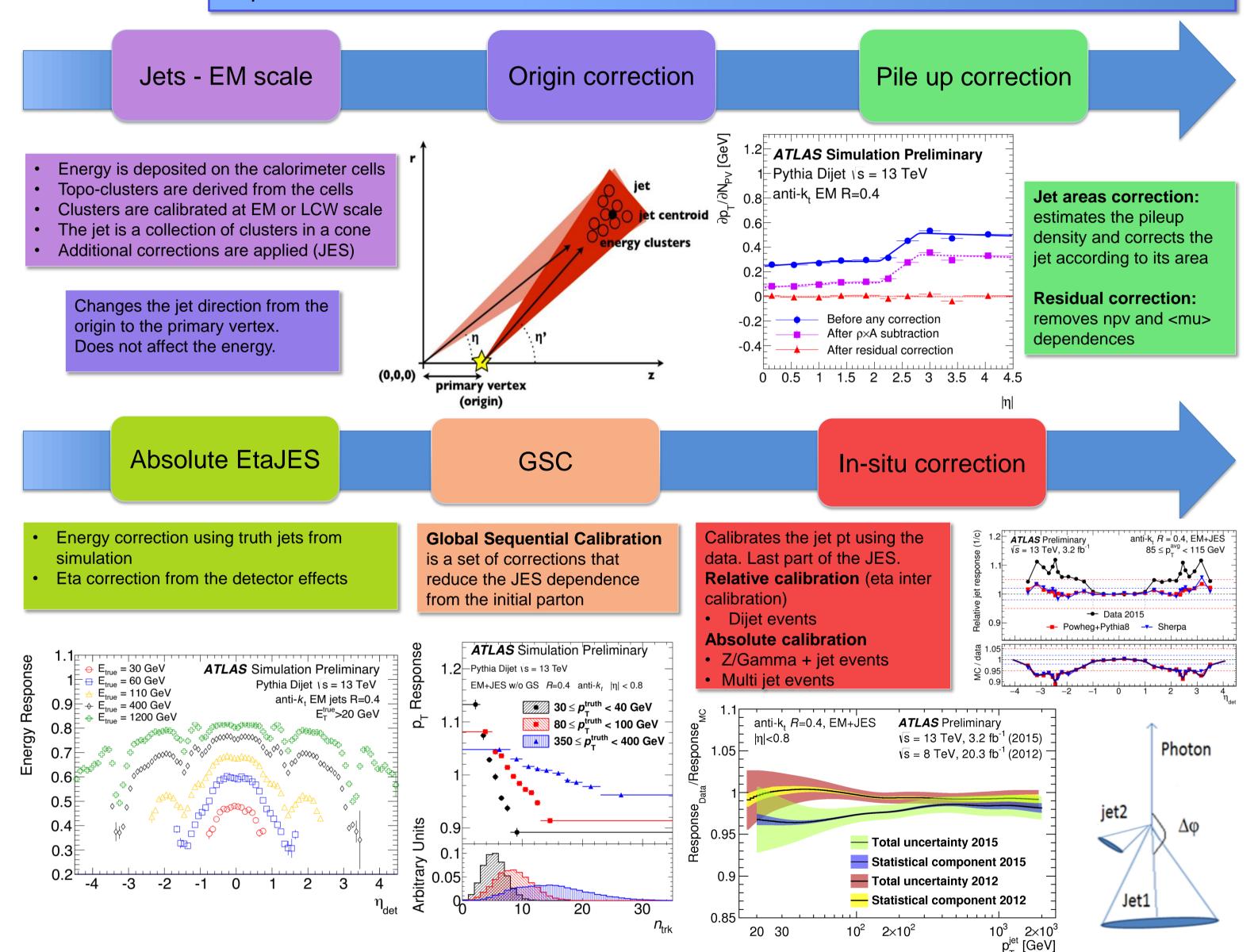
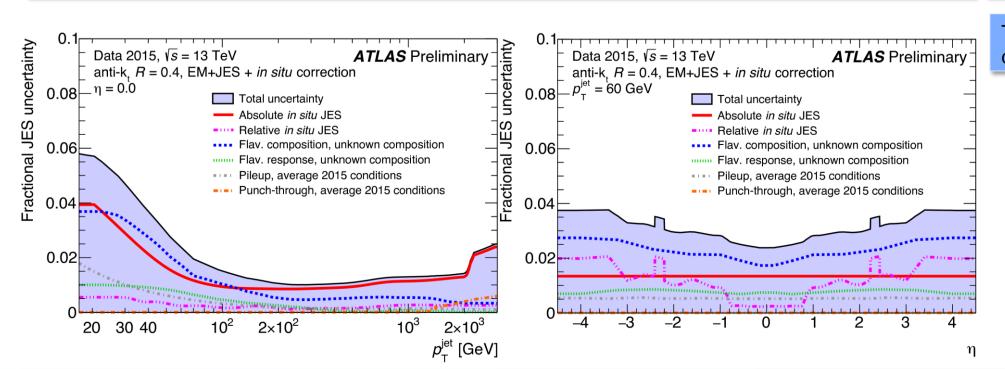


JET ENERGY SCALE CALIBRATION AND UNCERTAINTIES

A jet is a collection of objects produced by the hadronization of a parton (quark or gluon). They are constructed from topological clusters in the detector in order to re-create the initial parton from the collision. The set of corrections applied to the jets constitutes the Jet Energy Scale (JES). This corrections are based on simulation and data. This poster describes the steps of the JES and the uncertainties on the JES and JER.



JES Uncertainties



JER Uncertainties

The **Jet Energy Resolution** is defined as the standard deviation of the Gaussian fit to the jet response distribution

