



Contribution ID: 433

Type: Poster

Unfolding of ALICE tracking and calorimeter response to fully reconstructed jets in Pb-Pb collisions

Thursday, 16 August 2012 16:00 (2 hours)

Observables involving fully reconstructed jets provide access to key properties of the quark-gluon plasma via partonic energy loss. In order to obtain the inclusive transverse momentum distribution of fully reconstructed jets using the ALICE tracking detectors and electromagnetic calorimeter, the smearing effect of non-ideal detector responses must be understood and corrected. The procedure for assessing these response effects will be explained. In addition, the unfolding techniques that are applied to measured distributions are described, and the results and their uncertainties will be presented.

Primary author: ALICE, Collaboration (CERN, Geneva, Switzerland)

Co-author: ADARE, Andrew Marshall (Yale University (US))

Presenter: ADARE, Andrew Marshall (Yale University (US))

Session Classification: Poster Session Reception

Track Classification: Jets