

Objective	Method	Section
Offline reconstruction	Clustering and tracking algorithms integrated in the “particle-flow” framework	??
Online reconstruction	Clustering and tracking algorithms with minimal differences with respect to the offline reconstruction, but not integrated in the “particle-flow” framework	??
Energy regression	Multivariate technique	??
Energy scale and spreading	“Fit method” and “spreading method”	??
Identification	Cut-based and multivariate selections	??
Performance comparison among the years	Energy reconstruction and object identification	??
Timing	Comparison of arrival time of electrons from Z decay	??
Performance in PbPb collisions	Clustering and tracking algorithms integrated in the modified “particle-flow” framework	??