experiment DAQ Midas Midas banks From Midastoart & experiment to Unpacker data reconstruction unpacking **Event &** Islands (40-80 ns) DAQ info pulse gain time hit energy fitter calibrator cluster corrector corrector reconstruction **FitResults** CrystalHits CrystalHits CrystalHits **Clusters** (t, E', χ^2) (t, E", χ^2) (t', E', χ^2) (t, E, χ^2) (t_c, E_c)