

DORIS Processing at Newcastle University: Contribution to ITRF2008

Philip Moore

This presentation will summarise the salient features of Newcastle University's in-house software Faust for processing DORIS data including the force model, the estimated parameters and the precise orbit determination methodology. Results will be presented from analysis to date of Envisat and SPOT in terms of geodynamical parameters, the RMS of fit to the tracking data and comparisons against independent orbital solutions. Details will be presented of ongoing orbit determinations for contribution to the IDS submission to ITRF2008.