

Alignment

- ▶ What are our requirements on alignment to do the physics?

How much do we know?

Further work we need to do?

- ▶ Can we achieve these requirements? If not, what is the impact?

Work done

Note number	Author	Title	Date
449	E. Overton	Step 1 Quadrupole alignment	10/8/2014
445	J. H. Cobb	Alignment of the MICE magnet modules	5/8/2014
229	D. Forrest, F.J.P.Soler	Alignment errors on emittance measurements in MICE	16/11/2008
202	C. Rogers	Requirement for beam alignment to MICE	19/2/2008
64	U. Bravar and J. H. Cobb	Initial Study of MICE Magnet Alignment requirements	10/11/2003

Requirements, status & monitoring

- ▶ Beamline magnets – beam axis
- ▶ USS/DSS/FC coil axes alignment to beam axis
- ▶ Detector alignments to each other – especially tracker alignment
- ▶ Ex-PRY detectors to SS after closure