



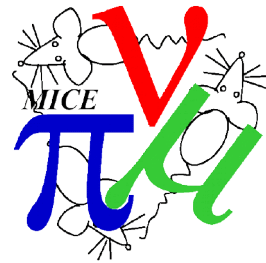
2016/02 Run Plan



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ISIS Run schedule



ISIS Cycle	Date from	Date To	Length (days)
2015/04	16 th Feb	25 th March	46
2016/01	12 th April	20 th May	38
2016/02	28 th June	29 th July	31
2016/03	15 th Sep	28 th Oct	45
2016/04	15 th Nov	16 th Dec	31

No absorber
LiH?
LH2?

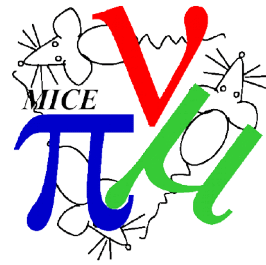
- Do all of the “No absorber” running in 2016/02
 - Simple!
 - May be ongoing magnet commissioning

2016/02 run plan



- 2016/02 runs from 28th June to 29th July
 - Maintenance day 13th July
- Aims:
 - Check detector alignment (i.e. straight tracks)
 - Commission beamline
 - Characterise magnetic lattice
 - Absorber empty measurements for field-on material physics
 - Absorber empty measurements for emittance change
- Assume
 - Pionic beamline
 - No M2D
 - Boyd CM44 talk had 1e5 good muons per 3 days assuming “muonic” beamline
 - Say we get a factor 3 from pionic beamline after dust settles
 - 1e5 muons per day (16/24 running, 30 % contingency)
 - Need to go around the loop again on this?
 - Field-on detector commissioning will be parasitic

Summary



- Calibration etc: **1 days**
- Check detector alignment (i.e. straight tracks): **3 days**
- Commission beamline: **15 days**
- Characterise magnetic module alignment: **8 days**
- Baseline magnetic lattice: **2 days**
- Absorber empty measurements for field-on material physics: **4 days**
- Absorber empty measurements for emittance change: **7 days**
- TOTAL: **40 days** out of 30 available
 - Note no time allowed for hardware intervention/magnets