

# MONALISA

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# Straightness Monitor Build from Distance Metres

- Decision taken this workshop to move from existing extraction line to ATF2.
- Start of installation as soon as magnets are in place.
- Detailed schedule has to be worked out and will be presented in May ATF2 meeting.
  - We would like to ask for I beam across ATF2 tunnel to hold our ceiling nodes. Is the next ATF2 meeting in May early enough to incorporate this into the civil engineering process?

# Compact Straightness Monitor (CSM) to Monitor IP

- CSM development and deployment at ATF2 depends on funding success. We should know by March.
- Need to solve how to attach CSM to Shintake Monitor.
  - Difficult because we do not know yet how CSM will work (e.g. Do we need just one Retro reflector, or several, or cameras maybe?)
  - We will need to connect with a vacuum system -> Double bellow system ok?
  - Would be prudent to find 3 possible spots on Shintake Monitor board to which we can attach a vacuum node.
- Plan to work out this by May meeting
- Need to know when after what date attachment of vacuum node to Shintake monitor becomes difficult.

# Compact Straightness Monitor (CSM) to Monitor IP

- Attachment of CSM to FF quadrupole
  - Propose attachment system by May meeting.
- Big unknown: When will we have working prototype in Lab. This is true R&D item.
  - Maybe we can make a schedule by May meeting.