Design Concept of Obelisk Post for POS

Yuta Michimura

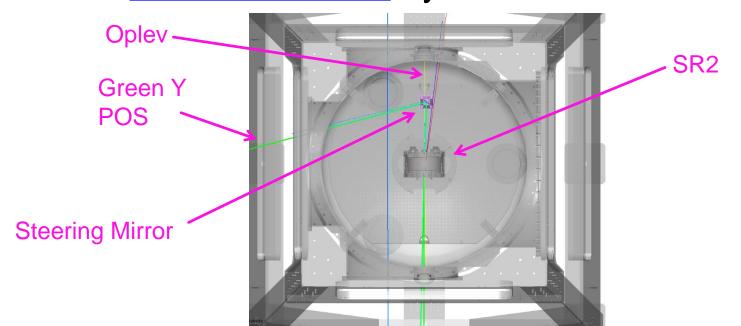
Department of Physics, University of Tokyo

Steering Mirror for POS

- Steering mirror for POS and green beam for Yarm interfere with SR2 oplev beam
- Two options for solution:
 - Obelisk post with an attachment
 - Obelisk post with a hole

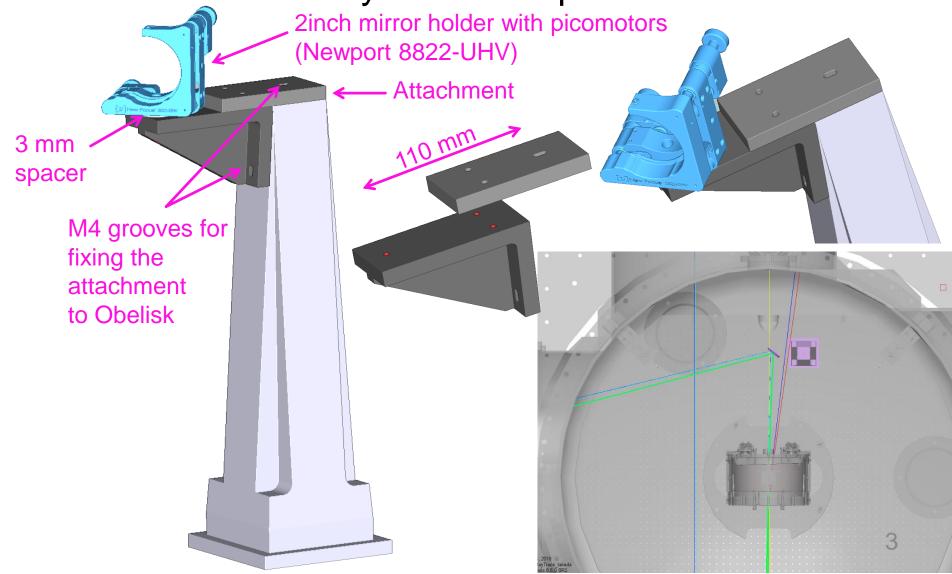
Obelisk Post JGW-D1707299

See <u>JGW-L1909580</u> by Takeda-kun for details



Obelisk Post with Attachment

Put Obelisk away from the oplev beam



Obelisk Post with Hole

Hole for oplev beam

 Checked that oplev beam goes through the hole with

Lighttools



Oplev

Note:

Oplev beam radius is 0.1-1 mm and the size of the hole is enough. Larger hole is better for aligning the oplev beam.

