

- Noise is limited dark noise. We should see below dark noise.
 1. Increasing whitening filter (Nakano)
 2. Measuring power at PD and estimating dark noise (Ushiba)
 3. Changing input power (Nakano)
 4. Moving OSTM away (Takahashi)
 5. Hunting peaks at 120, 240, 360Hz (Yokozawa)
 6. Increasing trans impedance on RFPD

- Damp peaks
 - 1Hz, 2Hz
 - 4peaks for 20Hz with lowpass?(Lucia)
 - Notch filter 39.8Hz (Lucia)
- Optimization damping loop (Okutomi)
- Reducing floor noise
 - Photosensor loop (Lucia)
 - Circuit noise?
- Noise budget
 - for feedback signal, oplev (Lucia)
 - for coil driver noise (Ushiba)
- Investigation of oplev glitch, oplev noise floor (Okutomi, Yamada)
- Needs filters for Lock acquisition state and noise performance state