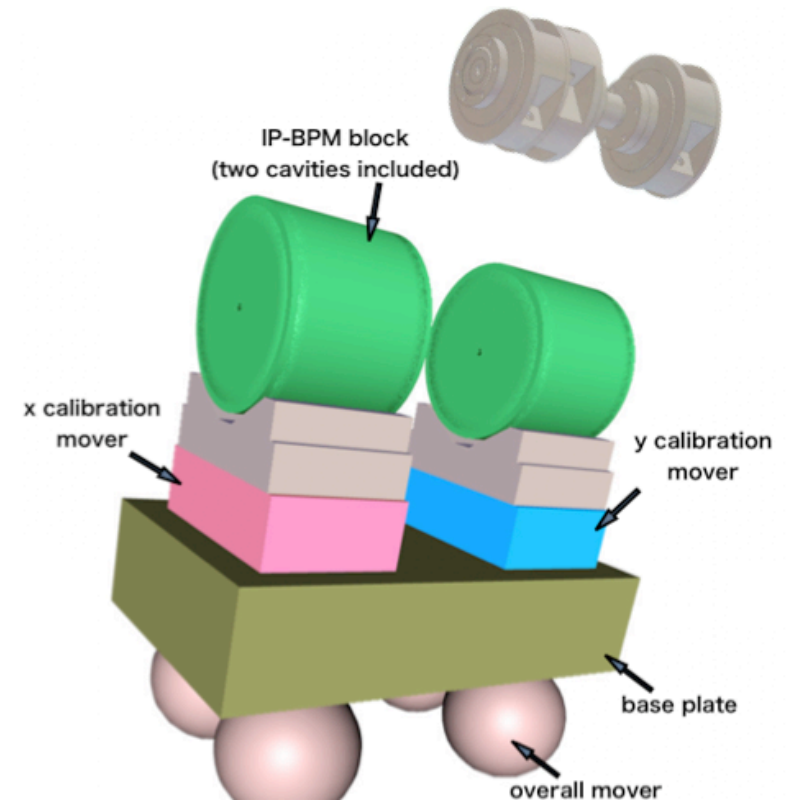
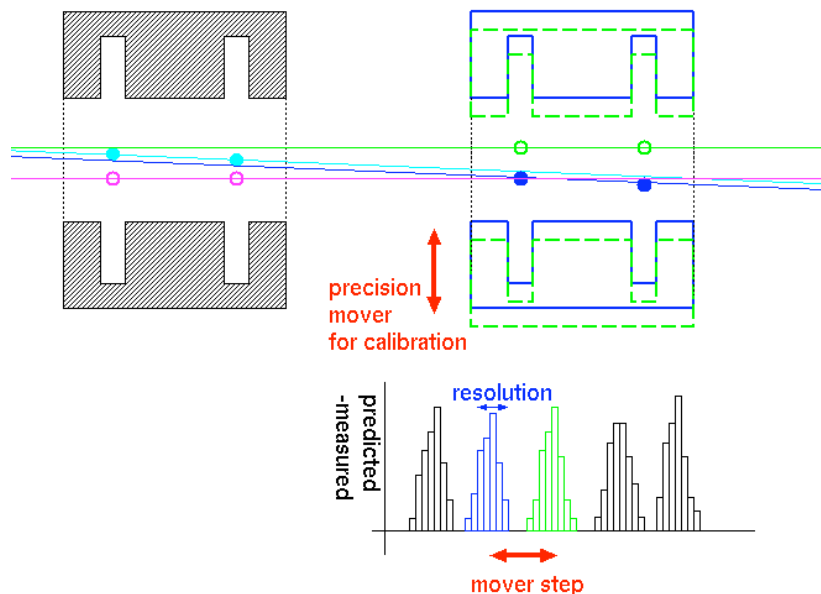


Installation schedule of IP-BPM and U-BSM

**Y.Honda
2006/May./31
ATF2 meeting**

IP-BPM

- So far, still just in the start of R&D phase. No guarantee for the schedule
- Prove the resolution at existing ATF extraction line
 - two sets of BPM block on precision movers
 - upgrading cavity/electronics
 - PAL group will try alternative design of cavity
- After the first commissioning of ATF2 (after beam path to the dump established)
 - Install this downstream of Suehara monitor
 - Check the performance at the large divergence area
- Phase 2 of ATF2
 - Move to the IP
 - Connection with final doublet



U-BSM

- Just started a conceptual design. No guarantee for the schedule.
- Needed R&D
 - test the high finesse optical cavity and high power laser
 - Difficult but not impossible based on our experience
 - detector
 - Compton signal energy is 50% of Suehara's case
 - timing and beam collision
 - Not difficult
- Schedule
 - might become ready faster than it looks?
 - hopefully, concurrent starting up with Suehara monitor. As a back-up of it.