

# IP Tuning Task Work Still to do...

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IP Tuning Task Group Meeting  
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# Simulation Tasks

- Cross-check PLACET + Lucretia for tuning
  - Tuned y size vs. % seeds plot
  - Tuning time to <10% best tuned spot size plot
- Tuning performance with multipoles
- Tuning performance with varying IP betas
- Check mover ranges never busted
- Re-do dynamic studies.

# Hardware Improvements

- Make ioc for faster motor driver and test move times with this
- Think some more about plausibility of using BPM readbacks for Sextupole move readbacks instead of lvdt's (what are jitter conditions, how much averaging needed...)
- Shintake/IP BSM readout in EPICS
  - Work with Tokyo Shintake group...

# Work Timescale

- Present 'solution' at Dec ATF2 meeting
- Write detailed description as ATF note at same time or early Jan.
- Next year develop control software together with Shintake group...