

Discussion of projects and priorities

on-going thoughts... for feedback

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Near term (6 months)

- IP-BSM laser stability
- IP-BPM electronics setup & mechanical alignment (calibration, resolution)
- Small spot tuning for 174 degree detection at $N=10^9$ (reproducible)
- Stability/jitter studies (trajectory along beam line & at IP, fringe scans,...)

Longer term (2 years)

- IP-BPM and IP feedback, GM studies
- Intensity dependence (wake-field mitigation)
- Beam halo and collimation
- Ultra-low β ; octupoles for higher order optics corrections and tail folding
- Other projects...

Milestones

- 65 nm spot @ $N=10^9$ with 10x1 optics (reproducible) → June 2014
- IP position stability (... goal 2 session and LAPP workshop) → June 2014
- < 65 nm spot @ $N=10^9$ with 10x1 optics → December 2014
- IP position stability (... goal 2 workshop LAPP) → December 2014
- xx nm spot @ (5) $N=10^9$ with 1x1 optics → June 2015 (*December 2015*)
- IP position stability (... goal 2 workshop LAPP) → June 2015 (*December 2015*)

Survey of planned contributions (students & staff)

- KEK, CERN, SLAC, Oxford-RHUL, LAL-LAPP, IFIC, KNU, IHEP,... ???