

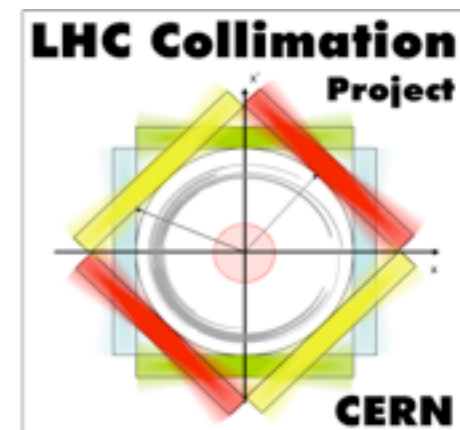
12th Collimation Upgrade Specification Meeting

CERN, Geneva, Switzerland

October 5th, 2012

Program for WP5 discussions at HiLumi/LHC-LARP meeting

Stefano Redaelli





Europe/Zurich timezone



LARP 14-16 November 2012 *INFN Frascati*

2nd Joint HiLumi LHC-LARP Annual Meeting



Welcome

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[Registration](#)

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While LHC is producing record luminosity the study on the High Luminosity LHC proceeds steadily, also thanks to the FP7 HiLumi Design Study which sees participation of European, Japanese and USA (LARP) Laboratories and Universities. The integration of the HL-LHC into the CERN Medium Term Program 2013-17 has been recently approved by the CERN Council, sending a clear signal to the community about the priority of HL-LHC in the CERN programme. Following the [1st HiLumi LHC Collaboration Meeting](#), held CERN from 16th to 18th November 2011, and the [LARP Collaboration Meeting 18](#) held in Fermilab from 7th to 9th May 2012, we are pleased to announce the 2nd HiLumi Collaboration Meeting jointly organised with LARP, at INFN-LNF Frascati from 14th to 16th November 2012.

The meeting will review the progress in design and R&D of the FP7 HiLumi Work Packages, and of the other WPs as well, and the progress toward a final lay-out of the accelerator upgrade. The milestones and deliverables will be checked and the results of the European Meeting on the HEP strategy update will be discussed.

The Annual Meeting foresees a common dinner and will host the 2nd Collaboration Board meeting.

Registration is mandatory and without fee.



Dates: from 14 November 2012 09:30 to 16 November 2012 17:00

Timezone: Europe/Zurich

Location: *INFN Frascati*



Collimation topics: HiLumi + LARP





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1. Collimation status and plans; news on HL layouts (S. Redaelli)



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9. Tracking simulations at SLAC (tbc)



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9. Tracking simulations at SLAC (tbc)
10. Plans for crystal tests at the LHC (tbc)



Slots for collimation discussions





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Compatibility of DS collimation concept with ATS optics, scenarios for impedance studies, DA calculations vs number of 11T dipole



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- **Plenary conclusive section**



More news: WP5 and US-LARP





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- ☑ Hollow e-lens review at the beginning of November
 - *Motivations for usage at the LHC*
 - *Experience at the Tevatron*
 - *Simulations for usage at the LHC and SPS*
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 - *Prepares a list of materials to test, based on the outcome of recent HRM beam test*



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 - *Another post opening for a second fellow!*



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 - *Luisella L. hired as shared fellow based at CERN*