

"NEXT" meeting series

This page contains references to discussions regarding experiments beyond HPS. Meetings are usually held every Friday at 2pm, in Group C, Bldg 84. Below you will find a number of talks, papers and websites devoted to developments in dark forces and light dark matter.

Meeting Information:

To join the Meeting:

<https://bluejeans.com/226649063>

To join via Browser:

<https://bluejeans.com/226649063/browser>

To join with Lync:

<https://bluejeans.com/226649063/lync>

To join via Cisco Jabber Video:

<https://bluejeans.com/226649063/jabber>

To join via Room System:

Video Conferencing System: bjn.vc -or- 199.48.152.152

Meeting ID: 226649063

To join via Phone:

1) Dial:

+1.408.740.7256

+1.888.240.2560(US Toll Free)

+1.408.317.9253(Alternate number)

(see all numbers - <http://bluejeans.com/premium-numbers>)

2) Enter Conference ID: 226649063

Meeting Talks:

- [Summary of Beyond Wimps "lightDM" Workshop in Israel](#) (Tim Nelson)
- [Summary of Intense Electron Beams Workshop at Cornell](#) (Takashi Maruyama)
- [LCLS-II_Overview_8-14-15.pptx](#) (Dave Schultz)
- [BTH W end Aug 2015 V2.pptx](#) (Clive Field)
- [SLACLCLS2ProspectsNew.pdf](#) (Eder Izaguirre)
- [bdx-SLAC-upd-sep15.pdf](#) (Marco Battaglieri)
- Coherent Nuclear Scattering/Missing Momentum 10022015 (Gordon Krnjaic/Philip Schuster)
[BDX@SLAC_Talk_Oct2.pdfSchuster_NEXT_Oct2015.pdf](#)
- LCLS II BYS Pulse Structure [151016 Raubenheimer Jaros.pptx](#) (Tor Raubenheimer)
- Plans for upcoming work. [Lia and BDX at SLAC.pptx](#) (John) [FuturePlans_Nov6.pdf](#) (Philip)
- [BeamDumpSignatures_NEXT.pdf](#) (Gordon) [Next Talk Possibilities.pptx](#) (John et al)
- [jthaler_NEXT.pdf](#) Lessons from DarkLight on Invisible Searches (Jesse Thaler) 12.04.2015
- 01.08.2016 - The SuperHPS Experimental Concept (Tim Nelson) - [SuperHPS_NEXT.pdf](#)
- 01.15.2016 - [NEXT_meeting_Jan15.pdf](#) (Gordon) Recoil Energies/Cross Sections for Csl, Nal, Xe, Ar
- [NEXT_Jan19_2016.pdf](#) (Natalia) Discussion Topics with Accelerator Physicists
- [160115.pptx160115.pptx](#) (Yuri) Hidden Sector Beamline to the South Arc
- 01.29.2016 - Talk from 2006 on SABER (Roger Erickson) - [SABER Workshop Erickson.pdf](#)
- 02.05.2016 - Talk by S. Gninenko on P348 at CERN - [P348 CERN.pptx](#)
- 02.19.2016 - High Granularity Silicon Calorimeter for a missing momentum experiment (Joe Incandela) - [Incandela_HGC_SLAC_20160219.pdf](#)
- Overview of Light Dark Matter at Accelerators (Natalia Toro) - [Accelerator Light Dark Matter Survey 2.pdf](#)
- 02.26.2016 - Update on BDX@SLAC experimental plans - [next-feb16.pdf](#)
- 03.04.2016 - Light Dark Matter and Neutrino Beams (Adam Ritz) - [SLAC_2016_DM.pdf](#)
- 03.25.2016 - [Dec-Mar for Mar 25 mtg V1.pptx](#) (Clive Field)

Papers:

Links:

- [Beyond WIMPs From Theory to Detection \(6/15 - Israel\)](#)
- [CERN SHiP Collaboration Website](#)