

Project X Friday Meeting
Febraury 25, 2011, 10:00 in Snakepit

0. Establish Webex Connections

1. News – Steve

CD-0 Status
Staging strategies; funding profiles
ICR (dates TBD)

Project X meetings website
indico.fnal.gov

Collaboration Meeting Planning
Fermilab attendance – need to get list out this week
Indico site established – please register

Upcoming Events

TTC Meeting	Feb 28 – March 3, Milan
PAC11	March 28-April 1, New York
AccApp 11	April 3-7, Knoxville
U.S. Science delegation to Korea	April-May
Indian Institutions and Fermilab Collaboration Meeting	April 7-9, Fermilab
IIFC visit to SNS	April 11, Oak Ridge
Project X Collaboration Meeting	April 12-14, Oak Ridge
DIS Workshop	April 11-15, Newport News
Joint SPL/ESS Collaboration Meeting	June 30-July 1, Saclay
SRF2011	July 25-29, Chicago
Registration is now open	

2. Collaboration Meeting Program - Sergei & John

3. CD-1 RLS Status - Elmie

4. Report on China visit - Steve, Sergei

IHEP Visit

- Attendees included management and staff from IHEP, plus staff and students from IMP (Lanzhou) and Peking University
- Primary interests are ADS and CSNS
- CSNS
 - 80 MeV linac + 1.6 GeV RCS: 100 kW (phase 1), 500 kW (phase 2)
 - Construction to start this summer; project complete end 2017
- ADS
 - Currently 25 reactors under construction in China
 - Goal is 400 GW capacity (22% of project national demand) in 2050
 - Primary motivation for ADS appears (my interpretation) to be transmutation of waste
 - CAS is promoting ADS as major initiative over next 10-20 years
 - Three steps
 - Phase I: 50-150 MeV; 10 mA, 5 MWth; 201x (intermediate steps in 2013 and 2015)
 - Phase II: .6-1.0 GeV ; 10 mA; 100 MWth, 2022
 - Phase III: 1.2-1.5 GeV, 10 mA; 10 GWth, 2032
 - They have selected 325 MHz as their rf frequenc
 - Spokes: beta=.09, .14, .33
- Agreed to explore areas of possible collaboration PX, CSNS, ADS, BEPCII
 - Beam dynamics PX, ADS
 - Frequency choice for RFQ
 - Appropriate beta's for cavities
 - Proposed video conference meetings + IHEP visitors to FNAL
 - Instrumentation for PX, CSNS, ADS , BEPCII
 - Active collaboration already exists
 - Collaboration meeting: they will send a person if visa can be secured in time
 - Another IHEP-Fermilab get together later in the year, this time at Fermilab

IMP visit - Sergei

5. AOB