

Indian Institutions and Fermilab Collaboration Meeting
Fermilab
April 7-8, 2011

Attendee from India:

1. Dr. P. D. Gupta, Director, RRCAT
2. Dr. G. P. Srivastava, Group Director (Associate Director), BARC
3. Mr. S. C. Joshi, Senior Engineer, RRCAT
4. Mr. Sumit Som, Senior Engineer, VECC

Invited Attendee from Project-X Collaborating laboratory from USA:

1. Dr. Tor Raubenheimer, Associate Director, SLAC
2. Dr. Chris Adolphsen, Senior Scientist, SLAC
3. Dr. Vinod Bharadwaj, Senior Scientist, SLAC
4. Dr. Andrew Hutton, Associate Director, Jlab

Attendee from Fermilab will include, Dr. Pier Oddone, Director, Dr. Young-Kee Kim, Dr. Stuart Henderson, Associate Director for Accelerator, Dr. Steve Holmes, Project-X, Project Manager, Dr. Robert Kephart, Dr. Sergei Nagaitsev, All the Sub-Project Managers, POC and IIFC-CT. Fermilab would invite other scientific and engineering staffs.

Dr. Oddone has also invited the US-DOE official for this visit. US-DOE and DAE are working towards signing the agency level agreement on April 25th 2011.

April 7: Focus: Superconducting Radio Frequency Facility Tours (Organizers of the details: Mr. Rich Stanek and Mr. Harry Carter)

1:30 - 6:30

- Welcome and Overview of the Fermilab Program, Dr. Pier Oddone (1:30-2:00)
- Signing of the Addendum MOUs, Supplements and Project Documents (2:00-2:30)
 - Addendum MOU V: “Fermilab and Indian Accelerator Laboratories Collaboration on RF Power Development for High Intensity Proton Accelerator”
 - Addendum MOU VI: “Fermilab and Indian Accelerator Laboratories Collaboration on RF Power Development for High Intensity Proton Accelerator”
 - Addendum MOU VII: “Fermilab and Indian Accelerator Laboratories Collaboration on Instrumentation and Control for High Intensity Proton Accelerator”
 - Supplement 1: “Supplement 1 to Addendum III (to MoU) between Fermilab and Indian DAE Laboratories (BARC, RRCAT, VECC) and IUAC”

- Project Document: CRYOMODULE TEST FACILITY- Overall Scope of Work and Proposed Areas of Responsibility.
- SRF Facility (MP9 (2:45-3:15), ICB (3:30 - 4:15), IB1, 4 and 3 (4:15-5:00),
 - MP9 2:45 to 3:15 pm Harry Carter/Chuck Grimm
 - ICB 3:30 to 4:15 pm Harry Carter including tea break
 - IB3 & 4 Lance, Dilip, Charlie
 - IB1 4:15 to 5:00 pm Joe Ozelis, Camille Ginsberg
- Tea Break (3:30-4:00 at ICB including the tour)
- Tour of the Fermilab SRF Facility (NML (5:00-5:45, MDB (5:45-6:30))
 - NML 5:00 to 5:45 pm Jerry Leibfritz/Arkadiy Klebaner
 - MDB 5:45 to 6:30 pm Andy Hocker/Bob Webber/Manfred Wendt
- Dinner Hosted by Dr. Pier Oddone, Director Fermilab

April 8: Focus: IHIPA, SNS and Project-X (Organizers of the details: Shekhar Mishra)

9:00 – 12:30

- Status of Project-X and India Collaboration, Dr. Steve Holmes (9:15-10:00)
- Indian Institutions and Fermilab Collaboration: Development at RRCAT in the context of Indian SNS, ADS and Project-X Programs (Phase-I, II and III of the IIFC collaboration), Dr. P. D. Gupta (10:00-11:00)

11:00 – 11:30 Coffee Break

- Indian Institutions and Fermilab Collaboration: Development at BARC in the context of Indian SNS, ADS and Project-X Programs (Phase-I, II and III of the IIFC collaboration), Dr. G. P. Srivastava (11:30-12:30)

12:30 – 2:00 Lunch, With Indian visitors

- Beta = 0.6, 650 MHz cavity development at VECC, S. Som, 2:00 - 2:30
- Status of SRF Infrastructure development at RRCAT, S. C. Joshi, 2:30 – 3:00
- RF Power Development at SLAC and possible collaboration on IIFC, Dr. Chris Adolphsen, 3:00 – 3:30

3:30 – 4:00 Coffee Break (on 15th Floor with the Directors)

- Overview of the Fermilab complex from 15th Floor, Linac, MCR, D0 (4:00 – 6:00)

April 9, 2011

Visit Chicago on their Own

Dinner at Mishra's

April 10, 2011

Tour of MINOS underground in the morning