

Project X Collaboration Meeting

Report of Contributions

Contribution ID: 0

Type: **not specified**

Project X Introduction, Strategy, and Collaboration Goals

Friday, 21 November 2008 08:30 (1 hour)

Presenter: HOLMES, Stephen (DO-DIRECTORATE)

Session Classification: Opening Plenary Session

Contribution ID: 1

Type: **not specified**

Project X Initial Configuration Overview

Friday, 21 November 2008 09:30 (1 hour)

Presenter: DERWENT, Paul (AD/Recycler)

Session Classification: Opening Plenary Session

Contribution ID: 2

Type: **not specified**

Overview of SNS Beam Instrumentation (Incl. Collaboration Aspects)

Friday, 21 November 2008 11:00 (30 minutes)

Presenter: W. BLOKLAND

Session Classification: Instrumentation Working Group

Contribution ID: 3

Type: **not specified**

HINS Beam Instrumentation R&D

Friday, 21 November 2008 11:35 (30 minutes)

Presenter: SCARPINE, Vic (Fermilab)

Session Classification: Instrumentation Working Group

Contribution ID: 4

Type: **not specified**

A Personal View of Beam Instrumentation Collaborations

Friday, 21 November 2008 12:10 (10 minutes)

Presenter: M. WENDT

Session Classification: Instrumentation Working Group

Contribution ID: 5

Type: **not specified**

Discussions

Friday, 21 November 2008 13:40 (1 hour)

Session Classification: Instrumentation Working Group

Contribution ID: 6

Type: **not specified**

Project X Cryogenic System Overview

Friday, 21 November 2008 13:30 (20 minutes)

Presenter: A. KLEBANER, FNAL

Session Classification: Cryogenic Systems Working Group

Contribution ID: 7

Type: **not specified**

Potential Cryogenic Cycles

Friday, 21 November 2008 13:50 (30 minutes)

Presenter: D. ARENIUS, TJLAB

Session Classification: Cryogenic Systems Working Group

Contribution ID: 8

Type: **not specified**

Superconducting Accelerator Segmentation Overview

Friday, 21 November 2008 14:20 (20 minutes)

Presenter: J. THEILACKER, FNAL

Session Classification: Cryogenic Systems Working Group

Contribution ID: 9

Type: **not specified**

SRF Pressure Safety at Fermilab

Friday, 21 November 2008 14:40 (20 minutes)

Presenter: T. NICOL, FNAL

Session Classification: Cryogenic Systems Working Group

Contribution ID: **10**

Type: **not specified**

Discussions

Friday, 21 November 2008 15:00 (30 minutes)

Session Classification: Cryogenic Systems Working Group

Contribution ID: 11

Type: **not specified**

The 1.3 GHz Cryomodule Heat Load

Friday, 21 November 2008 16:00 (20 minutes)

Presenter: T. PETERSON, FNAL

Session Classification: Cryogenic Systems Working Group

Contribution ID: 12

Type: **not specified**

NML Cryogenic System Overview

Friday, 21 November 2008 16:20 (20 minutes)

Presenter: A. MARTINEZ, FNAL

Session Classification: Cryogenic Systems Working Group

Contribution ID: 13

Type: **not specified**

HINS Solenoids Head Load

Friday, 21 November 2008 16:40 (20 minutes)

Presenter: T. PAGE, FNAL

Session Classification: Cryogenic Systems Working Group

Contribution ID: 14

Type: **not specified**

Present details of transfer line and injection ICD

Friday, 21 November 2008 11:00 (15 minutes)

Convener: D. Raparia

Goals: Present details of ICD and discuss any potential modifications to ICD

Presenter: D. JOHNSON

Session Classification: Beam Transfer Line/Recycler Working Group

Contribution ID: 15

Type: **not specified**

Current Effort

Friday, 21 November 2008 11:15 (50 minutes)

Session Classification: Beam Transfer Line/Recycler Working Group

Contribution ID: 16

Type: **not specified**

PS2 Injection: thoughts and concerns

Friday, 21 November 2008 12:05 (10 minutes)

Presenter: B. GODDARD, CERN

Session Classification: Beam Transfer Line/Recycler Working Group

Contribution ID: 17

Type: **not specified**

Discussion of potential modifications to ICD

Friday, 21 November 2008 12:15 (15 minutes)

Session Classification: Beam Transfer Line/Recycler Working Group

Contribution ID: **18**

Type: **not specified**

Present current RD&D issues

Friday, 21 November 2008 13:30 (15 minutes)

Presenter: D. JOHNSON

Session Classification: Beam Transfer Line/Recycler Working Group

Contribution ID: 19

Type: **not specified**

Start discussion of RD&D issues to be addressed

Friday, 21 November 2008 13:45 (10 minutes)

Session Classification: Beam Transfer Line/Recycler Working Group

Contribution ID: 20

Type: **not specified**

Present initial draft of RD&D plan

Friday, 21 November 2008 13:55 (10 minutes)

Presenter: D. JOHNSON

Session Classification: Beam Transfer Line/Recycler Working Group

Contribution ID: 21

Type: **not specified**

Discussion of proposed RD&D timeline

Friday, 21 November 2008 14:05 (1 hour)

Session Classification: Beam Transfer Line/Recycler Working Group

Contribution ID: 22

Type: **not specified**

Discussion of any issues that need resolution

Friday, 21 November 2008 16:00 (20 minutes)

Session Classification: Beam Transfer Line/Recycler

Contribution ID: 23

Type: **not specified**

Discussion of a provisional distribution of responsibility

Friday, 21 November 2008 16:20 (40 minutes)

Session Classification: Beam Transfer Line/Recycler

Contribution ID: 24

Type: **not specified**

Other business/summary

Friday, 21 November 2008 17:00 (30 minutes)

Session Classification: Beam Transfer Line/Recycler

Contribution ID: 25

Type: **not specified**

Px Overview/Goals of working grp/elliptical cav.

Friday, 21 November 2008 11:00 (20 minutes)

Presenter: R. KEPHART

Session Classification: SRF Working Group

Contribution ID: 26

Type: **not specified**

FNAL program and ANL/FNAL infrastructure

Friday, 21 November 2008 11:20 (20 minutes)

Presenter: S. MISHRA

Session Classification: SRF Working Group

Contribution ID: 27

Type: **not specified**

MSU on Beta = 0.8 R&D so far, what is needed, and interests

Friday, 21 November 2008 11:40 (20 minutes)

Presenter: R. YORK

Session Classification: SRF Working Group

Contribution ID: 28

Type: **not specified**

India interest in Spoke resonators

Friday, 21 November 2008 12:00 (10 minutes)

Presenter: A. ROY

Session Classification: SRF Working Group

Contribution ID: 29

Type: **not specified**

India interest in beta = 0.8 CM and capabilities

Friday, 21 November 2008 12:10 (10 minutes)

Presenter: V. SAHNI

Session Classification: SRF Working Group

Contribution ID: **30**

Type: **not specified**

Discussion

Friday, 21 November 2008 12:20 (10 minutes)

Session Classification: SRF Working Group

Contribution ID: **31**

Type: **not specified**

Linac lattice requirements on cryomodules

Friday, 21 November 2008 13:30 (15 minutes)

Presenter: P. OSTROUMOV

Session Classification: SRF/Linac Working Group (Joint Session)

Contribution ID: 32

Type: **not specified**

Intro to PrX front end/Low Beta Cavities

Friday, 21 November 2008 13:45 (20 minutes)

Presenter: R. WEBBER

Session Classification: SRF/Linac Working Group (Joint Session)

Contribution ID: 33

Type: **not specified**

ANL interests and capabilities (spokes + ellipticals)

Friday, 21 November 2008 14:05 (20 minutes)

Presenter: M. KELLY

Session Classification: SRF/Linac Working Group (Joint Session)

Contribution ID: 34

Type: **not specified**

PrX coupler requirements

Friday, 21 November 2008 14:25 (15 minutes)

Presenter: N. SOLYAK/YAKOVLEV

Session Classification: SRF/Linac Working Group (Joint Session)

Contribution ID: 35

Type: **not specified**

SLAC proposals for PrX (1.3) couplers

Friday, 21 November 2008 14:40 (10 minutes)

Presenter: C. ADOLPHSEN

Session Classification: SRF/Linac Working Group (Joint Session)

Contribution ID: 36

Type: **not specified**

Cornell interests and capabilities

Friday, 21 November 2008 14:50 (15 minutes)

Presenter: M. TIGNER

Session Classification: SRF/Linac Working Group (Joint Session)

Contribution ID: **38**

Type: **not specified**

How to design/build top loaded cryostats

Friday, 21 November 2008 15:05 (10 minutes)

Presenter: J. FUERST, ANL

Session Classification: SRF/Linac Working Group (Joint Session)

Contribution ID: 39

Type: **not specified**

Discussion

Friday, 21 November 2008 15:15 (15 minutes)

Session Classification: SRF/Linac Working Group (Joint Session)

Contribution ID: 40

Type: **not specified**

SLAC interest in Px RF equipment (dist, klystrons, modulators), RF R&D needed

Friday, 21 November 2008 16:00 (15 minutes)

Presenter: C. ADOLPHSEN

Session Classification: Linac Working Group

Contribution ID: 41

Type: **not specified**

PrX SC quads/solenoids

Friday, 21 November 2008 16:15 (15 minutes)

Presenter: M. TARTAGLIA

Session Classification: Linac Working Group

Contribution ID: 42

Type: **not specified**

Final discussion/preparation of WG summary talk

Friday, 21 November 2008 16:30 (1 hour)

Session Classification: Linac Working Group

Contribution ID: 43

Type: **not specified**

JLab interests and capabilities

Friday, 21 November 2008 16:00 (25 minutes)

Presenter: A. HUTTON

Session Classification: SRF Working Group

Contribution ID: 44

Type: **not specified**

Final discussion/preparation of WG summary talk

Friday, 21 November 2008 16:25 (20 minutes)

Session Classification: SRF Working Group

Contribution ID: 45

Type: **not specified**

Overview/Goals of Linac working group

Friday, 21 November 2008 11:00 (10 minutes)

Presenter: S. NAGAITSEV

Session Classification: Linac Working Group

Contribution ID: 46

Type: **not specified**

Beam physics, linac lattice

Friday, 21 November 2008 11:10 (20 minutes)

Presenter: P. OSTROUMOV

Session Classification: Linac Working Group

Contribution ID: 47

Type: **not specified**

Issues with rf distribution at the front end

Friday, 21 November 2008 11:30 (10 minutes)

Presenter: R. PASQUINELLI

Session Classification: Linac Working Group

Contribution ID: 48

Type: **not specified**

Fermilab proposal for the PrX Linac RF distribution

Friday, 21 November 2008 11:40 (10 minutes)

Presenter: O. NEZHEVENKO

Session Classification: Linac Working Group

Contribution ID: 49

Type: **not specified**

CERN interests/views

Friday, 21 November 2008 11:50 (15 minutes)

Presenter: R. GAROBY

Session Classification: Linac Working Group

Contribution ID: 50

Type: **not specified**

LLRF and other activities (LBNL)

Friday, 21 November 2008 12:05 (10 minutes)

Presenter: L. DOOLITTLE

Session Classification: Linac Working Group

Contribution ID: 51

Type: **not specified**

Discussion

Friday, 21 November 2008 12:15 (10 minutes)

Session Classification: Linac Working Group

Contribution ID: 52

Type: **not specified**

Discussion

Friday, 21 November 2008 11:30 (5 minutes)

Session Classification: Instrumentation Working Group

Contribution ID: 53

Type: **not specified**

Discussion

Friday, 21 November 2008 12:05 (5 minutes)

Session Classification: Instrumentation Working Group

Contribution ID: 54

Type: **not specified**

Discussion

Friday, 21 November 2008 12:20 (10 minutes)

Session Classification: Instrumentation Working Group

Contribution ID: 55

Type: **not specified**

Presentation of possible Project X Beam Instrumentation R&D projects

Friday, 21 November 2008 13:30 (10 minutes)

Presenter: V. SCARPINE/M. WENDT

Session Classification: Instrumentation Working Group

Contribution ID: 56

Type: **not specified**

Review of MI Issues

Friday, 21 November 2008 11:00 (20 minutes)

Presenter: I. KOURBANIS

Session Classification: Main Injector Working Group

Contribution ID: 57

Type: **not specified**

New rf system requirements/preliminary design

Friday, 21 November 2008 11:20 (15 minutes)

Presenter: J. REID

Session Classification: Main Injector Working Group

Contribution ID: 58

Type: **not specified**

Experience with the RHIC yt-jump system

Friday, 21 November 2008 11:35 (15 minutes)

Presenter: T. ROSE

Session Classification: Main Injector Working Group

Contribution ID: 59

Type: **not specified**

MI e-cloud measurements

Friday, 21 November 2008 13:30 (20 minutes)

Presenter: B. ZWASKA

Session Classification: Main Injector Working Group

Contribution ID: **60**

Type: **not specified**

Review of MI e-cloud simulations

Friday, 21 November 2008 13:50 (20 minutes)

Presenter: M. FURMAN

Session Classification: Main Injector Working Group

Contribution ID: **61**

Type: **not specified**

MI Collimation experience

Friday, 21 November 2008 14:10 (15 minutes)

Presenter: B. BROWN

Session Classification: Main Injector Working Group

Contribution ID: 62

Type: **not specified**

Propose a provisional distribution of responsibility through CD-1

Friday, 21 November 2008 16:00 (1h 30m)

Session Classification: Main Injector Working Group