

# **PIP-II Machine Advisory Committee Meeting**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## **Executive Session**

*Monday, 10 April 2017 08:00 (30 minutes)*

**Presenter:** NAGAITSEV, Sergei (FNAL)

Contribution ID: 1

Type: **not specified**

## **PIP-II Overview: Goals, Status, and Strategy**

*Monday, 10 April 2017 08:30 (30 minutes)*

**Presenter:** HOLMES, Stephen (Fermilab)

Contribution ID: 2

Type: **not specified**

## **PIP-II Design Overview**

*Monday, 10 April 2017 09:00 (30 minutes)*

**Presenter:** Dr LEBEDEV, Valeri (Fermilab)

**Session Classification:** Conceptual Design Development

Contribution ID: 3

Type: **not specified**

## PIP-II Warm Front End

*Monday, 10 April 2017 09:30 (30 minutes)*

**Presenter:** PROST, Lionel (Fermilab)

**Session Classification:** Conceptual Design Development

Contribution ID: 4

Type: **not specified**

## Discussion

*Monday, 10 April 2017 10:00 (15 minutes)*

**Session Classification:** Conceptual Design Development

Contribution ID: 5

Type: **not specified**

## **Linac Beam Optics and Fault Scenarios**

*Monday, 10 April 2017 10:30 (30 minutes)*

**Presenter:** Dr SAINI, Arun (Fermilab)

**Session Classification:** Conceptual Design Development

Contribution ID: 6

Type: **not specified**

## **Linac-to-Booster Transfer Line**

*Monday, 10 April 2017 11:00 (15 minutes)*

**Presenter:** Mr VIVOLI, Alessandro (FNAL)

**Session Classification:** Conceptual Design Development



Contribution ID: 7

Type: **not specified**

## **Electro-dynamical Design of SC Cavities**

*Monday, 10 April 2017 11:15 (15 minutes)*

**Presenter:** Mr BERRUTTI, Paolo (Fermilab)

**Session Classification:** Conceptual Design Development

Contribution ID: 8

Type: **not specified**

## **Mechanical Design of SC Cavities**

*Monday, 10 April 2017 11:30 (15 minutes)*

**Presenter:** Mr GONIN, Ivan (Fermilab)

**Session Classification:** Conceptual Design Development

Contribution ID: 9

Type: **not specified**

## Discussion

*Monday, 10 April 2017 11:45 (15 minutes)*

**Session Classification:** Conceptual Design Development

Contribution ID: **10**

Type: **not specified**

## **Design of SC Cryomodules**

*Monday, 10 April 2017 13:00 (20 minutes)*

**Presenter:** Mr ROGER, Vincent (FNAL/TD)

**Session Classification:** Conceptual Design Development

Contribution ID: 11

Type: **not specified**

## **Booster Upgrades**

*Monday, 10 April 2017 13:20 (25 minutes)*

**Presenter:** Dr SEIYA, Kiyomi (Fermilab)

**Session Classification:** Conceptual Design Development

Contribution ID: 12

Type: **not specified**

## **MI/RR Upgrades**

*Monday, 10 April 2017 13:45 (25 minutes)*

**Presenter:** Dr KOURBANIS, Ioanis (Fermilab)

**Session Classification:** Conceptual Design Development

Contribution ID: 13

Type: **not specified**

## **Orbit and Optics Measurements and Correction**

*Monday, 10 April 2017 14:10 (20 minutes)*

**Presenter:** Mr SISTA, V.L. S Rao (Bhabha Atomic Research Centre)

**Session Classification:** Conceptual Design Development

Contribution ID: **14**

Type: **not specified**

## **Discussion**

*Monday, 10 April 2017 14:30 (15 minutes)*

**Session Classification:** Conceptual Design Development



Contribution ID: 15

Type: **not specified**

## Engineering Requirements and Standards

**Presenter:** Mr STEIMEL, James (Fermilab)

Contribution ID: **16**

Type: **not specified**

## **RF Sources**

*Monday, 10 April 2017 15:00 (20 minutes)*

**Presenter:** PETERSON, David (Fermilab)

**Session Classification:** Design Concepts

Contribution ID: 17

Type: **not specified**

## **Superconducting RF: Resonance control**

*Monday, 10 April 2017 15:20 (30 minutes)*

**Presenter:** Dr HOLZBAUER, Jeremiah (Fermi National Accelerator Laboratory)

**Session Classification:** Design Concepts

Contribution ID: **18**

Type: **not specified**

## **LLRF**

*Monday, 10 April 2017 15:50 (30 minutes)*

**Presenter:** Mr CHASE, Brian (FNAL)

**Session Classification:** Design Concepts

Contribution ID: **19**

Type: **not specified**

## **Instrumentation**

*Monday, 10 April 2017 16:20 (25 minutes)*

**Presenter:** SCARPINE, Vic (Fermilab)

**Session Classification:** Design Concepts

Contribution ID: **20**

Type: **not specified**

## **Discussion**

*Monday, 10 April 2017 16:45 (15 minutes)*

**Session Classification:** Design Concepts

Contribution ID: **21**

Type: **not specified**

## **Executive Session**

*Monday, 10 April 2017 17:00 (15 minutes)*

**Session Classification:** Design Concepts

Contribution ID: 22

Type: **not specified**

## RF couplers

*Tuesday, 11 April 2017 08:30 (15 minutes)*

**Presenter:** Dr KAZAKOV, Sergey (FNAL)

**Session Classification:** Design Concepts



Contribution ID: 23

Type: **not specified**

## Cryogenics

*Tuesday, 11 April 2017 08:45 (20 minutes)*

**Presenter:** KLEBANER, Arkadiy (Fermilab)

**Session Classification:** Design Concepts

Contribution ID: 24

Type: **not specified**

## Controls

*Tuesday, 11 April 2017 09:05 (15 minutes)*

**Presenter:** PATRICK, James (Fermilab)

**Session Classification:** Design Concepts

Contribution ID: 25

Type: **not specified**

## **Radiation Safety**

*Tuesday, 11 April 2017 09:20 (15 minutes)*

**Presenter:** DERWENT, Paul (Fermilab)

**Session Classification:** Design Concepts

Contribution ID: 26

Type: **not specified**

## Machine Protection System

*Tuesday, 11 April 2017 09:35 (20 minutes)*

**Presenter:** WARNER, Arden (Fermilab)

**Session Classification:** Design Concepts

Contribution ID: 27

Type: **not specified**

## Discussion

*Tuesday, 11 April 2017 09:55 (15 minutes)*

**Session Classification:** Design Concepts

Contribution ID: 28

Type: **not specified**

# Coffee Break

Contribution ID: 29

Type: **not specified**

## Conventional Facilities

*Tuesday, 11 April 2017 10:25 (20 minutes)*

**Presenter:** DIXON, Steve (Fermi National Accelerator Laboratory)

**Session Classification:** Design Concepts

Contribution ID: **30**

Type: **not specified**

## Site Power Requirements

*Tuesday, 11 April 2017 10:45 (15 minutes)*

**Presenter:** Mr STEIMEL, James (Fermilab)

**Session Classification:** Design Concepts



Contribution ID: **31**

Type: **not specified**

## **PIP2IT Status and Plans**

*Tuesday, 11 April 2017 11:00 (20 minutes)*

**Presenter:** SHEMYAKIN, Alexander (Fermilab)

**Session Classification:** R & D

Contribution ID: **32**

Type: **not specified**

## **SRF Research**

*Tuesday, 11 April 2017 11:20 (25 minutes)*

**Presenter:** Ms MARTINELLO, Martina (Fermilab, IIT)

**Session Classification:** R & D

Contribution ID: **33**

Type: **not specified**

## Discussion

*Tuesday, 11 April 2017 11:45 (10 minutes)*

**Session Classification:** R & D

Contribution ID: 34

Type: **not specified**

## **Follow-up questions/discussions as requested by the Committee**

*Tuesday, 11 April 2017 13:00 (1 hour)*

**Session Classification:** Executive Session

Contribution ID: 35

Type: **not specified**

## **Executive Session**

*Tuesday, 11 April 2017 14:00 (4 hours)*

**Session Classification:** Executive Session

Contribution ID: **36**

Type: **not specified**

## **Executive Session**

*Wednesday, 12 April 2017 08:00 (3 hours)*

**Session Classification:** Executive Session and Closeout

Contribution ID: 37

Type: **not specified**

## Closeout

*Wednesday, 12 April 2017 12:00 (1 hour)*

**Session Classification:** Executive Session and Closeout