

**BDS - KOM**

# **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Goals from Project Management

*Thursday 11 October 2007 09:00 (30 minutes)*

**Presenter:** ROSS, Marc (FNAL)

**Session Classification:** Goals and Introduction

Contribution ID: 2

Type: **not specified**

## **BDS RDR design and EDR, introduction**

*Thursday 11 October 2007 09:30 (45 minutes)*

**Presenter:** Dr SERYI, Andrei (SLAC)

**Session Classification:** Goals and Introduction

Contribution ID: 3

Type: **not specified**

## **BDS RDR Cost Estimate**

*Thursday 11 October 2007 10:15 (45 minutes)*

**Presenter:** GARBINCIUS, Peter (FNAL)

**Session Classification:** Goals and Introduction

Contribution ID: 4

Type: **not specified**

## **BDS RDR beamline tunnels & facilities**

*Thursday 11 October 2007 11:10 (1 hour)*

**Presenter:** Mr ASIRI, Fred (SLAC)

**Session Classification:** RDR completeness

Contribution ID: 6

Type: **not specified**

## Magnet system in BDS

*Thursday 11 October 2007 13:30 (30 minutes)*

John Tompkins via Webex, Cherrill Spencer in person

**Presenter:** Dr SPENCER, Cherrill (SLAC)

**Session Classification:** RDR completeness

Contribution ID: 7

Type: **not specified**

## **Pulsed magnets and PS**

*Thursday 11 October 2007 14:30 (30 minutes)*

via Webex

**Presenter:** Dr MATTISON, Thomas (UBC)

**Session Classification:** RDR completeness

Contribution ID: 8

Type: **not specified**

## Power supplies in BDS

*Thursday 11 October 2007 15:00 (30 minutes)*

**Presenter:** Mr BELLOMO, Paul (SLAC)

**Session Classification:** RDR completeness



Contribution ID: 9

Type: **not specified**

## Installation

*Thursday 11 October 2007 15:30 (20 minutes)*

**Presenter:** Mr ASIRI, Fred (SLAC)

**Session Classification:** RDR completeness

Contribution ID: **10**

Type: **not specified**

## Dumps and Collimators

*Thursday 11 October 2007 15:50 (30 minutes)*

Chris Densham via Webex

**Presenters:** DENSHAM, Chris (Particle Physics - Rutherford Appleton Laboratory - CCLRC); Dr MARKIEWICZ, Thomas (SLAC)

**Session Classification:** RDR completeness

Contribution ID: 11

Type: **not specified**

## **Crab cavity (RDR completeness)**

*Thursday 11 October 2007 16:20 (30 minutes)*

Peter McIntosh, Graeme Burt and Amos Dexter via Webex, Leo Bellantoni in person

**Presenter:** Dr BELLANTONI, Leo (FNAL)

**Session Classification:** RDR completeness

Contribution ID: 12

Type: **not specified**

## Vacuum system

*Thursday 11 October 2007 17:20 (30 minutes)*

via Webex

**Presenter:** Dr SUETSUGU, Yusuke (KEK)

**Session Classification:** RDR completeness

Contribution ID: 13

Type: **not specified**

## **Introduction to EDR structure and WP planning**

*Saturday 13 October 2007 09:00 (30 minutes)*

**Presenter:** Dr SERYI, Andrei (SLAC)

**Session Classification:** EDR planning

Contribution ID: 14

Type: **not specified**

# **Accelerator and physics requirements and design integration**

*Saturday 13 October 2007 09:30 (30 minutes)*

**Presenter:** Mrs ANGAL-KALININ, Deepa (CCLRC Daresbury)

**Session Classification:** EDR planning

Contribution ID: 15

Type: **not specified**

## **Interaction Region & IR integration**

*Saturday 13 October 2007 10:00 (30 minutes)*

**Presenters:** Dr PARKER, Brett (BNL); Dr MARKIEWICZ, Thomas (SLAC)

**Session Classification:** EDR planning

Contribution ID: 17

Type: **not specified**

## Beam Dump system

*Saturday 13 October 2007 10:30 (30 minutes)*

(Chris via Webex)

**Presenters:** DENSHAM, Chris (Particle Physics - Rutherford Appleton Laboratory - CCLRC); Dr ARNOLD, Raymond (SLAC); Dr DAVENNE, Tristan (Rutherford Appleton Laboratory)

**Session Classification:** EDR planning



Contribution ID: **18**

Type: **not specified**

## **Collimation system**

*Saturday 13 October 2007 11:00 (30 minutes)*

**Presenters:** WATSON, Nigel (Birmingham HEP); Dr MOKHOV, Nikolai (Fermilab); Mr MOLLOY, Stephen (SLAC)

**Session Classification:** EDR planning

Contribution ID: 19

Type: **not specified**

## **BDS magnet & PS**

*Saturday 13 October 2007 11:30 (30 minutes)*

**Presenters:** Dr SPENCER, Cherrill (SLAC); TOMPKINS, John (FNAL); Mr BELLOMO, Paul (SLAC)

**Session Classification:** EDR planning

Contribution ID: 20

Type: **not specified**

## **BDS instrumentation**

*Saturday 13 October 2007 12:00 (30 minutes)*

**Presenters:** Dr WOODS, Michael (SLAC); Prof. BURROWS, Philip (Oxford University)

**Session Classification:** EDR planning

Contribution ID: 21

Type: **not specified**

## **BDS Vacuum system**

*Saturday 13 October 2007 12:30 (30 minutes)*

(Oleg via Webex, Suetsugu-san via Webex)

**Presenter:** Dr MALYSHEV, Oleg (ASTeC, STFC Daresbury Laboratory, UK)

**Session Classification:** EDR planning

Contribution ID: 22

Type: **not specified**

## Physics goals and value of options

*Friday 12 October 2007 15:00 (30 minutes)*

(Hitoshi via Webex)

**Presenters:** Prof. YAMAMOTO, Hitoshi (Tohoku University); Dr SANUKI, Tomoyuki (University of Tokyo)

**Session Classification:** Options and alternatives 2

Contribution ID: 23

Type: **not specified**

## Design status of head-on IR

*Friday 12 October 2007 08:00 (30 minutes)*

Olivier via Webex

**Presenter:** Dr NAPOLY, Olivier (CEA)

**Session Classification:** Options and alternatives 1

Contribution ID: 24

Type: **not specified**

## Design status of 2mrad IR

*Friday 12 October 2007 08:30 (30 minutes)*

(Philip via Webex)

**Presenter:** BAMBADE, Philip (Laboratoire de l'Accelérateur Lineaire (LAL) (IN2P3) (LAL))

**Session Classification:** Options and alternatives 1

Contribution ID: 25

Type: **not specified**

## **Facilities and hardware needs for gamma-gamma (including e-e-)**

*Friday 12 October 2007 15:30 (30 minutes)*

**Presenter:** Dr GRONBERG, Jeff (LLNL)

**Session Classification:** Options and alternatives 2



Contribution ID: 26

Type: **not specified**

## **Facilities and hardware needs for fixed target**

*Friday 12 October 2007 16:00 (30 minutes)*

**Presenter:** KOLOMENSKY, Yury (LBL)

**Session Classification:** Options and alternatives 2

Contribution ID: 28

Type: **not specified**

## Cryogenic system

*Thursday 11 October 2007 17:50 (20 minutes)*

**Presenters:** Mr PETERSON, Tom (FNAL); Mr WEBER, thomas (slac)

**Session Classification:** RDR completeness

Contribution ID: 29

Type: **not specified**

## **Introduction to the discussion**

*Friday 12 October 2007 10:00 (10 minutes)*

**Presenter:** Dr SERYI, Andrei (SLAC)

**Session Classification:** System integration and optimization

Contribution ID: 30

Type: **not specified**

## **Accelerator and detector requirements specification and optimization on example of Interaction Region**

*Friday 12 October 2007 10:10 (50 minutes)*

(including studies needed to understand specifications for shallow sites)

**Presenter:** Mrs ANGAL-KALININ, Deepa (CCLRC Daresbury)

**Session Classification:** System integration and optimization

Contribution ID: 31

Type: **not specified**

## **Detector design optimization for push-pull IR and for surface assembly and corresponding IR requirements**

*Friday 12 October 2007 11:30 (30 minutes)*

**Presenter:** Dr MARKIEWICZ, Thomas (SLAC)

**Session Classification:** System integration and optimization

Contribution ID: 32

Type: **not specified**

## **IR magnets and cryo system optimization for push-pull IR**

*Friday 12 October 2007 12:00 (30 minutes)*

**Presenter:** Dr PARKER, Brett (BNL)

**Session Classification:** System integration and optimization

Contribution ID: 33

Type: **not specified**

## **Possibilities for optimization of conventional construction of IR hall and external systems for push-pull IR**

*Friday 12 October 2007 11:00 (30 minutes)*

(John via Webex)

**Presenters:** OSBORNE, John Andrew (CERN); Mr KUCHLER, Victor (Fermilab)

**Session Classification:** System integration and optimization

Contribution ID: 34

Type: **not specified**

## **Seismic safety and life safety requirements and their effects on the design**

*Friday 12 October 2007 13:30 (30 minutes)*

**Presenter:** Mr ASIRI, Fred (SLAC)

**Session Classification:** System integration and optimization 2



Contribution ID: 35

Type: **not specified**

## Power supply and cooling facility optimization discussion

*Friday 12 October 2007 14:00 (1 hour)*

**Presenters:** Dr SPENCER, Cherrill (SLAC); HUEDEM, Emil (FNAL); TOMPKINS, John (FNAL); HAMMOND, Lee (FNAL); Mr BELLOMO, Paul (SLAC); LACKOWSKI, Tom (FNAL)

**Session Classification:** System integration and optimization 2

Contribution ID: 37

Type: **not specified**

## Discussion

*Friday 12 October 2007 17:00 (1 hour)*

**Session Classification:** Options and alternatives 2

Contribution ID: **38**

Type: **not specified**

## **Complementary design studies for baseline and possible alternative IR magnet designs for 14mrad IR**

*Friday 12 October 2007 16:30 (30 minutes)*

**Presenter:** Dr ZLOBIN, Alexander (Fermilab)

**Session Classification:** Options and alternatives 2

Contribution ID: 39

Type: **not specified**

## **Crab cavity (system optimization & EDR plans)**

*Thursday 11 October 2007 16:50 (30 minutes)*

System optimization & EDR plans are also discussed on Thursday, as an exception, due to limited availability of people on other days

**Presenter:** MCINTOSH, Peter (STFC)

**Session Classification:** RDR completeness

Contribution ID: 40

Type: **not specified**

## **Superconducting magnets in BDS**

*Thursday 11 October 2007 14:00 (30 minutes)*

**Presenter:** Dr PARKER, Brett (BNL)

**Session Classification:** RDR completeness

Contribution ID: 42

Type: **not specified**

## Discussion

*Friday 12 October 2007 09:00 (30 minutes)*

**Session Classification:** Options and alternatives 1

Contribution ID: 43

Type: **not specified**

## Close-out presentation

*Saturday 13 October 2007 14:30 (30 minutes)*

**Presenter:** ROSS, WALKER

**Session Classification:** Final discussions and closeout