

# **7th ATF2 Project Meeting**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Greeting

*Monday 15 December 2008 14:00 (10 minutes)*

**Presenter:** Prof. URAKAWA, Junji (KEK)

**Session Classification:** Introduction

Contribution ID: 1

Type: **not specified**

## Goals at this meeting

*Monday 15 December 2008 14:10 (20 minutes)*

**Presenter:** Dr TAUCHI, Toshiaki (KEK)

**Session Classification:** Introduction

Contribution ID: 2

Type: **not specified**

## **Beam Operation for The Radiation Inspection and First Commissioning**

*Monday 15 December 2008 14:30 (20 minutes)*

**Presenter:** Dr KURODA, Shigeru (KEK)

**Session Classification:** Commissioning Status

Contribution ID: 3

Type: **not specified**

## HA power supply system

*Monday 15 December 2008 14:50 (20 minutes)*

**Presenter:** LAM, Briant (SLAC)

**Session Classification:** Commissioning Status

Contribution ID: 4

Type: **not specified**

## Mover system

*Monday 15 December 2008 15:10 (20 minutes)*

**Presenters:** Dr WHITE, Glen (SLAC); NELSON, Janice (SLAC)

**Session Classification:** Commissioning Status

Contribution ID: 5

Type: **not specified**

## Cavity BPM system

*Monday 15 December 2008 15:30 (20 minutes)*

**Presenter:** Dr BOOGERT, Stewart (Royal Holloway, University of London)

**Session Classification:** Commissioning Status

Contribution ID: 6

Type: **not specified**

## Installation of FD in September

*Monday 15 December 2008 15:50 (20 minutes)*

**Presenter:** Dr JEREMIE, Andrea (LAPP)

**Session Classification:** Commissioning Status



Contribution ID: 7

Type: **not specified**

## PLIC monitor and IP wire scanner

*Monday 15 December 2008 16:10 (20 minutes)*

**Presenter:** MCCORMICK, Doug (SLAC)

**Session Classification:** Commissioning Status

Contribution ID: 8

Type: **not specified**

## Dispersion correction

*Tuesday 16 December 2008 09:00 (20 minutes)*

**Presenter:** Mr JONES, James (ASTeC, STFC Daresbury Laboratory)

**Session Classification:** Beam Diagnostics at Extraction Line (1)

Contribution ID: 9

Type: **not specified**

## Coupling correction

*Tuesday 16 December 2008 09:20 (20 minutes)*

**Presenter:** Dr RIMBAULT, Cecile (LAL)

**Session Classification:** Beam Diagnostics at Extraction Line (1)

Contribution ID: **10**

Type: **not specified**

## Beta matching

**Presenter:** Dr KUBO, Kiyoshi (KEK)

Contribution ID: 14

Type: **not specified**

## **Present status of the orbit reconstruction and correction in the ATF2 extraction line**

*Tuesday 16 December 2008 10:50 (20 minutes)*

**Presenter:** Mr RENIER, Yves (LAL)

**Session Classification:** Feedback System

Contribution ID: 15

Type: **not specified**

## **Design and Simulation of Intra-train Feedback Systems at ATF2: Current Status and Future Plans**

*Tuesday 16 December 2008 11:10 (20 minutes)*

**Presenter:** Dr RESTA LOPEZ, Javier (JAI, Oxford University)

**Session Classification:** Feedback System

Contribution ID: **16**

Type: **not specified**

## **FFS Orbit correction and feedback**

*Tuesday 16 December 2008 11:30 (20 minutes)*

**Presenter:** Mr SCARFE, Anthony (University of Manchester & the Cockcroft Institute)

**Session Classification:** Feedback System

Contribution ID: 17

Type: **not specified**

## Beamline Modeling Tools

*Tuesday 16 December 2008 09:40 (30 minutes)*

**Presenter:** Mr MOLLOY, Stephen (SLAC)

**Session Classification:** Optics Modeling



Contribution ID: **19**

Type: **not specified**

## **BBA without mover**

*Tuesday 16 December 2008 10:10 (20 minutes)*

**Presenter:** Dr OKUGI, Toshiyuki (KEK)

**Session Classification:** Optics Modeling

Contribution ID: 20

Type: **not specified**

## Re-alignment of DR

*Tuesday 16 December 2008 14:10 (15 minutes)*

**Presenter:** Dr TAKANO, Mikio (Saube company)

**Session Classification:** Alignment and Stability

Contribution ID: 21

Type: **not specified**

## **Alignment of magnets at the extraction line (ATF2)**

*Tuesday 16 December 2008 14:25 (20 minutes)*

**Presenter:** Mr SUGAHARA, Ryuhei (KEK)

**Session Classification:** Alignment and Stability

Contribution ID: 22

Type: **not specified**

## **Vibration measurements on the FD and Shintake monitor**

*Tuesday 16 December 2008 14:45 (20 minutes)*

**Presenter:** Mr BOLZON, Benoit (LAPP)

**Session Classification:** Alignment and Stability

Contribution ID: 23

Type: **not specified**

## Monalisa

*Tuesday 16 December 2008 15:05 (20 minutes)*

**Presenter:** Mr MATTHEW, Warden (Oxford university)

**Session Classification:** Alignment and Stability

Contribution ID: 24

Type: **not specified**

## **IP Beam Size Monitor ( Shintake Monitor )**

*Tuesday 16 December 2008 15:25 (20 minutes)*

**Presenter:** Dr KAMIYA, Yoshio (ICEPP, The University of Tokyo)

**Session Classification:** IP BSM ( Shintake monitor system )

Contribution ID: 25

Type: **not specified**

## **IP BPM and beam tilt monitor**

*Tuesday 16 December 2008 15:45 (20 minutes)*

**Presenter:** Dr HONDA, Yosuke (KEK)

**Session Classification:** IP BSM ( Shintake monitor system )

Contribution ID: 26

Type: **not specified**

## Outlook: Accelerator Science

*Monday 15 December 2008 17:00 (45 minutes)*

**Presenter:** Dr SUZUKI, Atsuto (KEK)

**Session Classification:** Special Seminar



Contribution ID: 27

Type: **not specified**

## **FF Optics studies with large beta optics and IP waist scan**

*Wednesday 17 December 2008 09:00 (20 minutes)*

**Presenter:** Ms BAI, Sha (IHEP)

**Session Classification:** Beam Size Tuning

Contribution ID: 28

Type: **not specified**

## IP beam size tuning with IP BSM

*Wednesday 17 December 2008 09:20 (20 minutes)*

**Presenter:** Dr WHITE, Glen (SLAC)

**Session Classification:** Beam Size Tuning

Contribution ID: 29

Type: **not specified**

## **Basic assumptions and goal of organizing the commissioning with milestones and schedule**

*Wednesday 17 December 2008 09:50 (15 minutes)*

**Presenters:** BAMBADA, Philip (Laboratoire de l'Accelérateur Lineaire (LAL) (IN2P3) (LAL)); Dr OKUGI, Toshiyuki (KEK)

**Session Classification:** Commissioning Plan and Organization

Contribution ID: **30**

Type: **not specified**

## **Suggested milestones for 2008 through 2010**

*Wednesday 17 December 2008 10:05 (20 minutes)*

( Corrected draft version 3 is uploaded on December 16 )

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

**Session Classification:** Commissioning Plan and Organization

Contribution ID: **31**

Type: **not specified**

## **Plans and contributions by all collaborating institutes**

*Wednesday 17 December 2008 10:25 (45 minutes)*

**Session Classification:** Commissioning Plan and Organization

Contribution ID: 32

Type: **not specified**

## Discussion on the commissioning organisation and milestones

*Wednesday 17 December 2008 11:10 (50 minutes)*

- Monthly milestones for 2008-2010
- Detailed plan for sub-systems ( serialization of the tasks presented at this meeting )
- Detailed schedule by end of March, 2009
  - fast kicker, new QM7R, IPBSM, IPBPM(8.7nm), DR vertical emittance of 24pm etc.

**Session Classification:** Commissioning Plan and Organization

Contribution ID: **33**

Type: **not specified**

## Summary of PAC09 abstracts

*Wednesday 17 December 2008 13:30 (10 minutes)*

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

**Session Classification:** Publication Policy

Contribution ID: **34**

Type: **not specified**

## Discussion

*Wednesday 17 December 2008 13:40 (20 minutes)*

internal reviewing of papers, suggestions of paper organizations,  
articles in the newslines etc  
draft rule to be distributed before the meeting

**Session Classification:** Publication Policy



Contribution ID: 35

Type: **not specified**

## Minimal machine

*Wednesday 17 December 2008 14:20 (20 minutes)*

**Presenter:** ANGAL-KALININ, Deepa (STFC Daresbury)

**Session Classification:** ILC-BDS Joint Session

Contribution ID: **36**

Type: **not specified**

## Crab cavity R&D

*Wednesday 17 December 2008 14:40 (20 minutes)*

traveling focus test with crab cavity at ATF2

**Presenter:** Mr MCINTOSH, peter (stfc daresbury laboratory)

**Session Classification:** ILC-BDS Joint Session

Contribution ID: 37

Type: **not specified**

## The ultra-low betas recent studies

*Wednesday 17 December 2008 15:00 (20 minutes)*

pushed beta and longer  $L^*$  at ATF2

**Presenter:** Dr TOMAS, Rogelio (CERN)

**Session Classification:** ILC-BDS Joint Session

Contribution ID: **38**

Type: **not specified**

## **Monalisa in detectors**

*Wednesday 17 December 2008 15:20 (20 minutes)*

**Presenter:** Dr URNER, David (University of Oxford)

**Session Classification:** ILC-BDS Joint Session

Contribution ID: **39**

Type: **not specified**

## Stability issue

*Wednesday 17 December 2008 15:40 (20 minutes)*

Superconducting final doublet at CLIC

**Presenters:** Dr JEREMIE, Andrea (LAPP); Mr BOLZON, Benoit (LAPP)

**Session Classification:** ILC-BDS Joint Session

Contribution ID: **40**

Type: **not specified**

## Laser wire

*Thursday 18 December 2008 09:50 (20 minutes)*

**Presenter:** Dr BOOGERT, Stewart (Royal Holloway, University of London)

**Session Classification:** Joint session with 7th TB/SGC meeting

Contribution ID: **41**

Type: **not specified**

## Fast kicker

*Thursday 18 December 2008 10:10 (20 minutes)*

**Presenter:** Mr NAITO, Takashi (KEK)

**Session Classification:** Joint session with 7th TB/SGC meeting

Contribution ID: 42

Type: **not specified**

## FONT

*Thursday 18 December 2008 10:45 (20 minutes)*

**Presenter:** Prof. BURROWS, Philip (Oxford University)

**Session Classification:** Joint session with 7th TB/SGC meeting



Contribution ID: 43

Type: **not specified**

## **Others status from May 2008 (RF Gun, Alignment,...)**

*Thursday 18 December 2008 11:25 (20 minutes)*

**Presenter:** TERUNUMA, Nobuhiro (KEK)

**Session Classification:** Joint session with 7th TB/SGC meeting

Contribution ID: 44

Type: **not specified**

## Summary/report of 7th ATF2 project meeting

*Thursday 18 December 2008 09:10 (40 minutes)*

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

**Session Classification:** Joint session with 7th TB/SGC meeting

Contribution ID: 46

Type: **not specified**

## Cold BPM

*Thursday 18 December 2008 11:05 (20 minutes)*

**Presenter:** HAYANO, Hitoshi (KEK)

**Session Classification:** Joint session with 7th TB/SGC meeting

Contribution ID: 48

Type: **not specified**

## SC-FD

*Thursday 18 December 2008 13:30 (30 minutes)*

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

**Session Classification:** 7th TB/SGC meeting : Proposals

Contribution ID: 49

Type: **not specified**

## Permanent FD

*Thursday 18 December 2008 14:00 (30 minutes)*

**Presenter:** Dr IWASHITA, yoshihisa (Kyoto Univ.)

**Session Classification:** 7th TB/SGC meeting : Proposals

Contribution ID: 50

Type: **not specified**

## Straightness monitor

*Thursday 18 December 2008 14:35 (30 minutes)*

**Presenter:** Prof. HILDRETH, Michael (University of Notre Dame)

**Session Classification:** 7th TB/SGC meeting : Proposals

Contribution ID: 51

Type: **not specified**

## Background studies

*Thursday 18 December 2008 15:05 (30 minutes)*

**Presenters:** GULER, Hayg; Dr VERDERI, Marc (LLR - Ecole polytechnique)

**Session Classification:** 7th TB/SGC meeting : Proposals

Contribution ID: 52

Type: **not specified**

## Concluding remarks



Contribution ID: 53

Type: **not specified**

## Concluding Remarks

*Thursday 18 December 2008 17:00 (30 minutes)*

**Presenter:** Dr WOLSKI, Andrzej (Cockcroft Institute and University of Liverpool)

**Session Classification:** 7th TB/SGC meeting : Conclusion

Contribution ID: 54

Type: **not specified**

## Beta matching

*Tuesday 16 December 2008 13:00 (20 minutes)*

**Presenter:** Dr KUBO, Kiyoshi (KEK)

**Session Classification:** Beam Diagnostics at Extraction Line (2)

Contribution ID: 55

Type: **not specified**

## **Study of the non-linear magnetic field in the ATF extraction region on the emittance growth**

*Tuesday 16 December 2008 13:20 (20 minutes)*

**Presenter:** Dr FAUS-GOLFE, Angeles (Instituto de Fisica Corpuscular - Valencia)

**Session Classification:** Beam Diagnostics at Extraction Line (2)

Contribution ID: 56

Type: **not specified**

## **Magnetic field measurement of new "QM7R" (TOKIN 3581)**

*Tuesday 16 December 2008 13:40 (10 minutes)*

**Presenter:** Dr MASUZAWA, Mika (KEK)

**Session Classification:** Beam Diagnostics at Extraction Line (2)

Contribution ID: 57

Type: **not specified**

## Case for replacing QM7R with TOKIN 3581

*Tuesday 16 December 2008 13:50 (10 minutes)*

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

**Session Classification:** Beam Diagnostics at Extraction Line (2)

Contribution ID: 58

Type: **not specified**

## **AAP review April 2009**

*Wednesday 17 December 2008 16:00 (20 minutes)*

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

**Session Classification:** ILC-BDS Joint Session

Contribution ID: 59

Type: **not specified**

## Opening address

*Thursday 18 December 2008 09:00 (10 minutes)*

**Presenter:** Prof. URAKAWA, Junji (KEK)

**Session Classification:** Joint session with 7th TB/SGC meeting

Contribution ID: **60**

Type: **not specified**

## **AML to SAD conversion for Flight Simulator**

*Wednesday 17 December 2008 14:00 (20 minutes)*

**Presenter:** Dr PIVI, Mauro (SLAC)

**Session Classification:** Extra session



Contribution ID: **61**

Type: **not specified**

## **Compton ( laser cavity )**

*Thursday 18 December 2008 13:10 (20 minutes)*

**Presenter:** Dr TAKAHASHI, Tohru Takahashi (Hiroshima University)