

# **17th ATF2 Project Meeting**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Greeting

*Wednesday 12 February 2014 09:30 (10 minutes)*

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

**Session Classification:** Introduction

Contribution ID: 1

Type: **not specified**

## Meeting goal

*Wednesday 12 February 2014 09:40 (20 minutes)*

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

**Session Classification:** Introduction

Contribution ID: 2

Type: **not specified**

## **Alignment at the DR, EXT and FF beam lines**

*Wednesday 12 February 2014 10:30 (30 minutes)*

**Presenter:** Mr ARAKI, Sakae (KEK)

**Session Classification:** Updates since last summer shutdown

Contribution ID: 3

Type: **not specified**

## **LINAC and DR systems including the YAG screen**

*Wednesday 12 February 2014 10:00 (30 minutes)*

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

**Session Classification:** Updates since last summer shutdown

Contribution ID: 4

Type: **not specified**

## **IPBSM-1 : stability of the laser system**

*Wednesday 12 February 2014 11:10 (20 minutes)*

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

**Session Classification:** Instrumentation

Contribution ID: 5

Type: **not specified**

## **IPBSM-2 : Performances**

*Wednesday 12 February 2014 11:30 (20 minutes)*

**Presenter:** Ms YAN, Jacqueline (University of Tokyo)

**Session Classification:** Instrumentation

Contribution ID: 6

Type: **not specified**

## **IPBPM-1 : commissioning and resolution**

*Wednesday 12 February 2014 11:50 (20 minutes)*

**Presenter:** Mr JANG, Siwon (KNU)

**Session Classification:** Instrumentation



Contribution ID: 7

Type: **not specified**

## **IPBPM-2 : alignment and adjustment of IPBPMs in the IP chamber**

*Wednesday 12 February 2014 12:10 (20 minutes)*

**Presenter:** BLANCO GARCIA, Oscar Roberto (Universite de Paris-Sud 11 (FR), CERN)

**Session Classification:** Instrumentation

Contribution ID: 8

Type: **not specified**

## **DR studies**

*Wednesday 12 February 2014 14:00 (20 minutes)*

**Presenter:** PFINGSTNER, Juergen (CERN)

**Session Classification:** Beam studies

Contribution ID: 9

Type: **not specified**

## **Jitter studies**

*Wednesday 12 February 2014 14:20 (20 minutes)*

**Presenter:** PFINGSTNER, Juergen (CERN)

**Session Classification:** Beam studies

Contribution ID: **11**

Type: **not specified**

## **Halo measurements**

*Wednesday 12 February 2014 14:40 (20 minutes)*

**Presenter:** Ms LIU, Shan (LAL)

**Session Classification:** Beam studies

Contribution ID: 12

Type: **not specified**

## Extraction line

*Wednesday 12 February 2014 15:20 (20 minutes)*

**Presenters:** Dr MARIN LACOMA, Eduardo (SLAC); Dr WHITE, Glen (SLAC)

**Session Classification:** Beam studies

Contribution ID: 13

Type: **not specified**

## Final focus line

*Wednesday 12 February 2014 15:40 (20 minutes)*

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

**Session Classification:** Beam studies

Contribution ID: 14

Type: **not specified**

## Progress reports

*Thursday 13 February 2014 14:30 (1h 40m)*

**Session Classification:** 17th TB/SGC Meeting

Contribution ID: 15

Type: **not specified**

## Proposals

*Thursday 13 February 2014 16:10 (1h 30m)*

**Session Classification:** 17th TB/SGC Meeting



Contribution ID: **16**

Type: **not specified**

## Summary

*Thursday 13 February 2014 17:40 (20 minutes)*

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

**Session Classification:** 17th TB/SGC Meeting

Contribution ID: 17

Type: **not specified**

## **Review of the emittance growth**

*Friday 14 February 2014 09:50 (20 minutes)*

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

**Session Classification:** Wakefield and emittance issues

Contribution ID: **18**

Type: **not specified**

## **Review of the wakefield studies**

*Friday 14 February 2014 10:25 (20 minutes)*

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

**Session Classification:** Wakefield and emittance issues

Contribution ID: 19

Type: **not specified**

## **Simulation of the wakefield effect**

*Friday 14 February 2014 09:30 (20 minutes)*

**Presenter:** Dr LYAPIN, Alexey (John Adams Institute at Royal Holloway, University of London)

**Session Classification:** Wakefield and emittance issues

Contribution ID: 20

Type: **not specified**

## **Discussion : study/mitigation plan**

*Friday 14 February 2014 10:45 (15 minutes)*

**Session Classification:** Wakefield and emittance issues

Contribution ID: 21

Type: **not specified**

## **IPBPM / IP chamber / movers**

*Friday 14 February 2014 14:00 (20 minutes)*

**Presenters:** BLANCO GARCIA, Oscar Roberto (Universite de Paris-Sud 11 (FR), CERN); Mr JANG, Siwon (KNU)

**Session Classification:** The second goal

Contribution ID: 22

Type: **not specified**

## **IP feedback - status of FONT and plan**

*Friday 14 February 2014 14:20 (20 minutes)*

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

**Session Classification:** The second goal

Contribution ID: 23

Type: **not specified**

## Discussion of collaboration

*Friday 14 February 2014 14:40 (1h 20m)*

**Presenters:** Prof. KIM, Eun-San (Kyungpook National Univ.); BAMBADE, Philip (Laboratoire de l'Accelérateur Lineaire (LAL) (IN2P3) (LAL)); Prof. BURROWS, Philip (Oxford University)

**Session Classification:** The second goal



Contribution ID: 24

Type: **not specified**

## **Discusson of next week operation schedule**

*Thursday 13 February 2014 09:30 (30 minutes)*

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

**Session Classification:** The first goal

Contribution ID: 25

Type: **not specified**

## **Discussion of the priority and schedule about ATF2 goal 1 study in this year**

*Thursday 13 February 2014 10:00 (2 hours)*

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

**Session Classification:** The first goal

Contribution ID: 26

Type: **not specified**

## **2-bunch tuning studies**

*Friday 14 February 2014 11:30 (30 minutes)*

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

**Session Classification:** Plan for future studies

Contribution ID: **28**

Type: **not specified**

## **Discussion of projects and priorities**

*Friday 14 February 2014 12:00 (30 minutes)*

**Session Classification:** Plan for future studies

Contribution ID: 29

Type: **not specified**

## **PoP experiment on beam loading for truly conventional positron source at ATF injector**

*Friday 14 February 2014 11:00 (30 minutes)*

Proposal to the Technical Board, 20 minutes + 10 minutes questions

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

**Session Classification:** Plan for future studies

Contribution ID: **30**

Type: **not specified**

## Summary

*Friday 14 February 2014 16:00 (30 minutes)*

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

**Session Classification:** Summary

Contribution ID: 31

Type: **not specified**

## Effect of longitudinal Wake

*Friday 14 February 2014 10:10 (15 minutes)*

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

**Session Classification:** Wakefield and emittance issues