

# **5th SPL Collaboration Meeting**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

# Welcome

*Thursday, 25 November 2010 09:00 (5 minutes)*

**Presenter:** COLLIER, Paul (CERN)

**Session Classification:** Introductory session

Contribution ID: 1

Type: **not specified**

## **Present status and plans of the SPL R&D**

*Thursday, 25 November 2010 09:05 (20 minutes)*

**Presenter:** GAROBY, Roland (CERN)

**Session Classification:** Introductory session

Contribution ID: 2

Type: **not specified**

## **SPL architecture & organisation of meeting**

*Thursday, 25 November 2010 09:25 (15 minutes)*

**Presenter:** GERIGK, Frank (CERN)

**Session Classification:** Introductory session

Contribution ID: 3

Type: **not specified**

## Meeting goals

*Thursday, 25 November 2010 09:40 (15 minutes)*

**Presenter:** GAROBY, Roland (CERN)

**Session Classification:** Introductory session

Contribution ID: 4

Type: **not specified**

## News from ESS

*Thursday, 25 November 2010 10:25 (25 minutes)*

**Primary author:** Dr LINDROOS, Mats (CERN)

**Presenter:** Dr LINDROOS, Mats (CERN)

**Session Classification:** Introductory session

Contribution ID: 5

Type: **not specified**

## **JLab Plans for SRF developments**

*Thursday, 25 November 2010 10:50 (25 minutes)*

**Primary authors:** STIRBET, Mircea (Jefferson Laboratory); Dr RIMMER, Robert (Jefferson Lab)

**Presenter:** STIRBET, Mircea (Jefferson Laboratory)

**Session Classification:** Introductory session

Contribution ID: 6

Type: **not specified**

## **Proton Accelerator Project at the Turkish Accelerator Centre**

*Thursday, 25 November 2010 11:15 (25 minutes)*

**Primary author:** ALGIN, Emel (Eskisehir Osmangazi University, Turkey)

**Presenter:** ALGIN, Emel (Eskisehir Osmangazi University, Turkey)

**Session Classification:** Introductory session



Contribution ID: 7

Type: **not specified**

## **News from other projects/labs**

Contribution ID: 8

Type: **not specified**

## News from other projects/labs

Contribution ID: 9

Type: **not specified**

## **Status/Summary of WG4: beam dynamics**

*Friday, 26 November 2010 14:00 (20 minutes)*

**Presenter:** LOMBARDI, Alessandra (CERN)

**Session Classification:** Status reports and summaries

Contribution ID: 10

Type: **not specified**

## Technical summary and highlights

**Presenter:** GERIGK, Frank (CERN)

Contribution ID: 11

Type: **not specified**

## Outcome and discussion

*Friday, 26 November 2010 15:50 (30 minutes)*

**Session Classification:** Status reports and summaries

Contribution ID: 12

Type: **not specified**

## Conclusions and schedule of future meetings

**Presenter:** GAROBY, Roland (CERN)

Contribution ID: 13

Type: **not specified**

## **Highly segmented SPL as a mixture of Doublet and FODO focusing**

*Thursday, 25 November 2010 11:40 (15 minutes)*

**Presenter:** ESHRAQI, Mohammad (ESS)

**Session Classification:** WG4 Beam dynamics

Contribution ID: 14

Type: **not specified**

## **H- stripping and consequences for the SPL, RF error studies**

*Thursday, 25 November 2010 11:55 (20 minutes)*

**Presenter:** POSOCCO, Piero Antonio

**Session Classification:** WG4 Beam dynamics



Contribution ID: 15

Type: **not specified**

## Latest results of HOM simulations

*Thursday, 25 November 2010 12:15 (15 minutes)*

**Presenter:** SCHUH, Marcel (CERN)

**Session Classification:** WG4 Beam dynamics

Contribution ID: 16

Type: **not specified**

## **Layout considerations based on passband modes**

*Thursday, 25 November 2010 14:00 (10 minutes)*

**Presenter:** SCHUH, Marcel (CERN)

**Session Classification:** WG4 Beam dynamics

Contribution ID: 17

Type: **not specified**

## **SPL source R&D**

*Thursday, 25 November 2010 14:10 (15 minutes)*

**Primary author:** KRONBERGER, Matthias (CERN)

**Presenter:** KRONBERGER, Matthias (CERN)

**Session Classification:** WG4 Beam dynamics

Contribution ID: **18**

Type: **not specified**

## **High-power klystron and solid state amplifiers**

*Thursday, 25 November 2010 14:25 (25 minutes)*

**Presenter:** MONTESINOS, Eric (CERN)

**Session Classification:** WG1 RF systems

Contribution ID: **19**

Type: **not specified**

## **RF layout, LLRF and simulation results**

*Thursday, 25 November 2010 14:50 (30 minutes)*

**Presenters:** HERNANDEZ FLANO, Matias; HOFLE, Wolfgang (CERN)

**Session Classification:** WG1 RF systems

Contribution ID: 20

Type: **not specified**

## Status of modulator tendering

*Thursday, 25 November 2010 15:50 (15 minutes)*

**Presenter:** RATHSMAN, Karin (Lund University)

**Session Classification:** WG1 RF systems

Contribution ID: 21

Type: **not specified**

## **Status of klystron order and test stand preparations in SM18**

*Thursday, 25 November 2010 16:05 (15 minutes)*

**Presenter:** BRUNNER, Olivier (CERN)

**Session Classification:** WG1 RF systems

Contribution ID: 22

Type: **not specified**

## **SPL cavities construction**

*Thursday, 25 November 2010 16:20 (25 minutes)*

**Presenter:** CAPATINA, Ofelia (CERN)

**Session Classification:** WG2 SC cavities



Contribution ID: 23

Type: **not specified**

## Status of EP at CERN

*Thursday, 25 November 2010 16:45 (15 minutes)*

**Presenter:** MARQUES ANTUNES FERREIRA, Leonel (CERN)

**Session Classification:** WG2 SC cavities

Contribution ID: 24

Type: **not specified**

## **Perspectives with new techniques of Nb coating**

*Thursday, 25 November 2010 17:00 (15 minutes)*

**Presenter:** Mr CALATRONI, Sergio (CERN)

**Session Classification:** WG2 SC cavities

Contribution ID: 25

Type: **not specified**

## **Diagnostics for reception tests of SPL cavities**

*Thursday, 25 November 2010 17:15 (15 minutes)*

**Presenter:** LIAO, Kitty

**Session Classification:** WG2 SC cavities

Contribution ID: 26

Type: **not specified**

## **Clean room refurbishment in SM18**

*Friday, 26 November 2010 09:00 (15 minutes)*

**Presenter:** CHAMBRILLON, Janic Kevin

**Session Classification:** WG2 SC cavities

Contribution ID: 27

Type: **not specified**

## **Magnetic shielding simulations for SPL cryo-module**

*Friday, 26 November 2010 09:15 (15 minutes)*

**Presenter:** JUNGINGER, Tobias (CERN)

**Session Classification:** WG2 SC cavities

Contribution ID: **28**

Type: **not specified**

## **Status of SPL RF coupler development**

*Friday, 26 November 2010 09:30 (15 minutes)*

**Presenter:** MONTESINOS, Eric (CERN)

**Session Classification:** WG2 SC cavities

Contribution ID: 29

Type: **not specified**

## **BNL activities on 704 MHz cavities**

*Friday, 26 November 2010 09:45 (15 minutes)*

**Presenter:** CALAGA, Rama (BNL)

**Session Classification:** WG2 SC cavities

Contribution ID: **30**

Type: **not specified**

## **SPL activities at CNRS-IPN-Orsay**

*Friday, 26 November 2010 10:00 (15 minutes)*

**Primary author:** OLRY, Guillaume (CNRS)

**Presenter:** OLRY, Guillaume (CNRS)

**Session Classification:** WG2 SC cavities



Contribution ID: **31**

Type: **not specified**

## **SPL activities CEA-Saclay**

*Friday, 26 November 2010 10:15 (15 minutes)*

**Presenter:** PLOUIN, Juliette (CEA)

**Session Classification:** WG2 SC cavities

Contribution ID: **32**

Type: **not specified**

## **HOM coupler modelling for SPL**

*Friday, 26 November 2010 11:00 (15 minutes)*

**Presenter:** Dr GLOCK, Hans-Walter (Rostock University)

**Session Classification:** WG2 SC cavities

Contribution ID: 33

Type: **not specified**

## **Simulations and calculations ofHOMs in strings of cavities**

*Friday, 26 November 2010 11:15 (15 minutes)*

**Presenter:** MOLLOY, Stephen (RHUL)

**Session Classification:** WG2 SC cavities

Contribution ID: **34**

Type: **not specified**

## **Work progress at CNRS-IPNO**

*Friday, 26 November 2010 11:30 (20 minutes)*

**Presenter:** DUTHIL, Patxi (IPNO - IN2P3 - CNRS)

**Session Classification:** WG3 Cryogenics

Contribution ID: 35

Type: **not specified**

## **Mechanical studies of the cryo-module**

*Friday, 26 November 2010 11:50 (20 minutes)*

**Presenter:** MOREIRA DE AZEVEDO, Paulo Coelho (CERN)

**Session Classification:** WG3 Cryogenics

Contribution ID: 36

Type: **not specified**

## **Specific ESS requirements for the high-beta cryo-modules**

*Friday, 26 November 2010 12:10 (20 minutes)*

**Presenter:** HEES, Wolfgang (ESS)

**Session Classification:** WG3 Cryogenics

Contribution ID: 37

Type: **not specified**

## **Status/Summary of WG1: RF systems**

*Friday, 26 November 2010 14:20 (20 minutes)*

**Presenter:** CIAPALA, Edmond (CERN)

**Session Classification:** Status reports and summaries

Contribution ID: **38**

Type: **not specified**

## **Status/Summary of WG2: SC cavities**

*Friday, 26 November 2010 14:40 (20 minutes)*

**Presenter:** WEINGARTEN, Wolfgang (CERN)

**Session Classification:** Status reports and summaries



Contribution ID: 39

Type: **not specified**

## Status/Summary of WG3: Cryogenics

*Friday, 26 November 2010 15:00 (20 minutes)*

**Presenter:** PARMA, Vittorio (CERN)

**Session Classification:** Status reports and summaries

Contribution ID: 40

Type: **not specified**

## Tour of Linac4

*Friday, 26 November 2010 16:20 (1 hour)*

**Presenters:** GERIGK, Frank (CERN); WEISZ, Sylvain (CERN)

**Session Classification:** Status reports and summaries