

WWFPC #1

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome at the reception building 33 & access card

Tuesday 23 June 2015 08:00 (30 minutes)

Presenter: MONTESINOS, Eric (CERN)

Contribution ID: 3

Type: **not specified**

Introduction: why the WWFPC meeting and its goals

Tuesday 23 June 2015 09:00 (10 minutes)

Presenter: MONTESINOS, Eric (CERN)

Contribution ID: 7

Type: **not specified**

KEK input couplers

Tuesday 23 June 2015 10:50 (40 minutes)

Presenter: KAKO, Eiji (KEK)

Contribution ID: 8

Type: **not specified**

Status and what we learned so far from the XFEL Power Coupler Fabrication

Tuesday 23 June 2015 11:30 (1 hour)

Presenter: KAABI, Walid

Contribution ID: 9

Type: **not specified**

Examples of RF surface aspects and discussion

Tuesday 23 June 2015 12:30 (30 minutes)

Quality acceptance criteria for the couplers

RF surface roughness (scratches, brushed surface, glass bead blasting)

Influence of oxides on RF surfaces on operating performance

Judging on stains and discolorations on RF surfaces

Discolorations on ceramic windows, how to avoid, to analyze, to clean, before and after RF conditioning and operating

Presenter: MÖLLER, Wolf-Dietrich (DESY)

Contribution ID: 10

Type: **not specified**

20 years of FPC at CERN & future perspectives

Tuesday 23 June 2015 09:10 (40 minutes)

Presenter: MONTESINOS, Eric (CERN)

Contribution ID: 11

Type: **not specified**

Power coupler developments at CEA Saclay

Tuesday 23 June 2015 09:50 (1 hour)

Presenter: DEVANZ, Guillaume (CEA)

Contribution ID: 12

Type: **not specified**

Cleaning and assembly : XFEL experience on coupler assembly

Tuesday 23 June 2015 14:30 (30 minutes)

which clean room is really needed ? For FPC onto the conditioning box ? For FPC onto cavity ?
For the FPC warm part onto the cold part depending on design ?
coloration of coppered surface after RF conditioning : how to clean them? do we need to clean them ?

Presenter: BERRY, Stéphane (CEA-Saclay)

Contribution ID: 13

Type: **not specified**

Modified TTF3 Coupler Design and Related R&D for LCLS-II

Tuesday 23 June 2015 15:00 (30 minutes)

Presenter: ADOLPHSEN, Chris (SLAC)

Contribution ID: 14

Type: **not specified**

LCLS II design and performance of aluminum waveguide box

Tuesday 23 June 2015 15:30 (20 minutes)

Presenter: FANT, Karen (SLAC National Accelerator Laboratory)

Contribution ID: 15

Type: **not specified**

SLAC's cleaning and assembly of fundamental power couplers

Tuesday 23 June 2015 15:50 (20 minutes)

Presenter: JEFFREY, Tice (SLAC National Accelerator Laboratory)

Contribution ID: 16

Type: **not specified**

RF Couplers Overview, Performance, and Plans at the Spallation Neutron Source

Wednesday 24 June 2015 09:00 (45 minutes)

In the talk Mark will describe the couplers, the challenges and failures that have occurred, and plans for the future.

Presenter: CHAMPION, Mark (Oak Ridge National Laboratory / Spallation Neutron Source)

Contribution ID: 17

Type: **not specified**

PIP-II coupler design

Tuesday 23 June 2015 16:10 (30 minutes)

Presenter: KAZAKOV, Sergey (FNAL)

Contribution ID: 18

Type: **not specified**

Fundamental power couplers for present and future projects at BNL

Wednesday 24 June 2015 09:45 (45 minutes)

Presenter: BELOMESTNYKH, Sergey (Brookhaven National Laboratory)

Contribution ID: 19

Type: **not specified**

Discussion & Conclusions

Wednesday 24 June 2015 10:30 (1h 30m)

List of invitees for next year.

Topics for R&D and tasks distribution.

Author: ALL

Contribution ID: 20

Type: **not specified**

Visit of CCC and SPS RF amplifier stations

Wednesday 24 June 2015 12:00 (30 minutes)