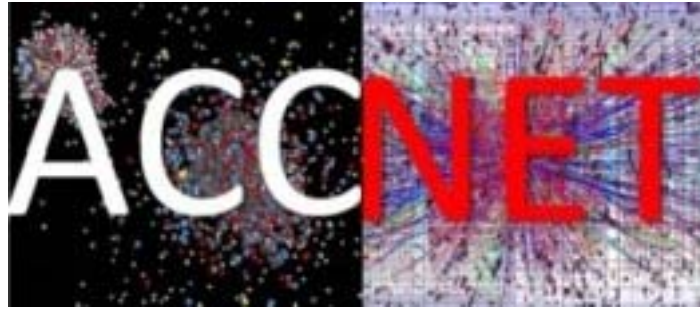


# **Anti e-Cloud Coatings - "AEC'09"**



## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## SPS upgrade plan & coating requirements

*Monday 12 October 2009 09:00 (30 minutes)*

**Presenter:** SHAPOSHNIKOVA, Elena (CERN)

**Session Classification:** Motivation, e-cloud Beam Observations & Simulations, Coating requirements

Contribution ID: 2

Type: **not specified**

## What should be coated ?

*Monday 12 October 2009 09:30 (30 minutes)*

**Presenter:** RUMOLO, Giovanni (CERN)

**Session Classification:** Motivation, e-cloud Beam Observations & Simulations, Coating requirements

Contribution ID: 3

Type: **not specified**

## Coatings, experience, and plans for J-PARC

*Monday 12 October 2009 10:00 (30 minutes)*

**Presenter:** KATO, Shigeki (Unknown)

**Session Classification:** Motivation, e-cloud Beam Observations & Simulations, Coating requirements

Contribution ID: 4

Type: **not specified**

## **Experience with TiN coating, beam observations, and future plans at the SNS & PSR**

*Monday 12 October 2009 11:00 (30 minutes)*

**Presenter:** PLUM, Mike

**Session Classification:** Motivation, e-cloud Beam Observations & Simulations, Coating requirements

Contribution ID: 5

Type: **not specified**

## CesrTA Project Status, Results and Future Plans

*Monday 12 October 2009 11:30 (30 minutes)*

**Presenter:** Dr PALMER, Mark (Cornell University, CLASSE)

**Session Classification:** Motivation, e-cloud Beam Observations & Simulations, Coating requirements

Contribution ID: 6

Type: **not specified**

## **TiN coated chambers and SEY measurements of coatings in PEP-II**

*Monday 12 October 2009 14:00 (30 minutes)*

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

**Session Classification:** Experience with TiN Coating

Contribution ID: 8

Type: **not specified**

## TiN coating at KEK

*Monday 12 October 2009 14:30 (30 minutes)*

**Presenter:** SHIBATA, kyo (KEK)

**Session Classification:** Experience with TiN Coating



Contribution ID: 9

Type: **not specified**

## **Beam measurements with & w/o TiN coatings at FNAL**

*Monday 12 October 2009 15:00 (20 minutes)*

**Presenter:** CAPISTA, Dave (FNAL)

**Session Classification:** Experience with TiN Coating

Contribution ID: **10**

Type: **not specified**

## **Plans for in-situ coating with a robotic mole at BNL**

*Tuesday 13 October 2009 14:50 (15 minutes)*

**Presenter:** HERSKOVITCH, Ady

**Session Classification:** Plans for applications

Contribution ID: 12

Type: **not specified**

## **In-situ coating plans for FNAL**

*Tuesday 13 October 2009 14:20 (30 minutes)*

**Presenter:** WIENANDS, Uli

**Session Classification:** Plans for applications

Contribution ID: 13

Type: **not specified**

## Possible logistics of coating of SPS

*Tuesday 13 October 2009 15:05 (30 minutes)*

**Presenter:** BAUCHE, Jeremie (CERN)

**Session Classification:** Plans for applications

Contribution ID: **18**

Type: **not specified**

## **CesrTA beam observations and simulation effort**

*Monday 12 October 2009 12:00 (30 minutes)*

**Presenter:** CRITTENDEN, Jim

**Session Classification:** Motivation, e-cloud Beam Observations & Simulations, Coating requirements

Contribution ID: **19**

Type: **not specified**

## **TiN coatings by DC reactive magnetron sputtering on coupler ceramic windows at LAL**

*Monday 12 October 2009 15:20 (10 minutes)*

**Presenter:** KAABI, Walid

**Session Classification:** Experience with TiN Coating

Contribution ID: 24

Type: **not specified**

## **Study on Graphite and DLC Coating on KEKB LER Chambers**

*Tuesday 13 October 2009 09:00 (30 minutes)*

**Presenter:** KATO, Shigeki (Unknown)

**Session Classification:** Carbon coating 2

Contribution ID: 25

Type: **not specified**

## **Diagnostic of coating results –microwave measurements**

*Tuesday 13 October 2009 09:30 (30 minutes)*

**Presenter:** FEDERMANN, Silke (Technische Universitaet Wien)

**Session Classification:** Carbon coating 2



Contribution ID: 26

Type: **not specified**

## **Diagnostics of coating results –pressure measurements**

*Tuesday 13 October 2009 10:00 (30 minutes)*

**Presenter:** TABORELLI, Mauro (CERN)

**Session Classification:** Carbon coating 2

Contribution ID: 28

Type: **not specified**

## Tour of CERN coating facilities

Contribution ID: 29

Type: **not specified**

## Lowering SEY by rough surfaces

*Tuesday 13 October 2009 16:00 (30 minutes)*

**Presenter:** MONTERO, ISABEL (CSIC- Spain)

**Session Classification:** Further strategies

Contribution ID: **30**

Type: **not specified**

## **Grooves tests in PEP-II, KEKB and SPS and plans**

*Tuesday 13 October 2009 16:30 (30 minutes)*

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

**Session Classification:** Further strategies

Contribution ID: 31

Type: **not specified**

## **Electron-cloud clearing electrodes in the PS. What do we need for PS2?**

*Tuesday 13 October 2009 17:00 (30 minutes)*

**Presenter:** MAHNER, Edgar (CERN)

**Session Classification:** Further strategies

Contribution ID: 32

Type: **not specified**

## Discussion

*Tuesday 13 October 2009 17:45 (1 hour)*

**Session Classification:** Further strategies

Contribution ID: **34**

Type: **not specified**

## **Characterization of amorphous carbon coatings**

*Monday 12 October 2009 16:00 (30 minutes)*

**Presenter:** TABORELLI, Mauro (CERN)

**Session Classification:** Carbon coating 1

Contribution ID: 35

Type: **not specified**

## **Results on amorphous carbon coatings in e-cloud monitors of SPS**

*Monday 12 October 2009 16:30 (30 minutes)*

**Presenter:** YIN VALLGREN, Christina (Chalmers University of Technology-Unknown-Unknown)

**Session Classification:** Carbon coating 1



Contribution ID: 36

Type: **not specified**

## **Results and plans of CESR-TA experiments on low SEY coatings**

*Monday 12 October 2009 17:00 (30 minutes)*

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

**Session Classification:** Carbon coating 1

Contribution ID: 37

Type: **not specified**

## Discussion

*Monday 12 October 2009 17:30 (1 hour)*

**Session Classification:** Carbon coating 1

Contribution ID: **38**

Type: **not specified**

## Impedance of coating

*Tuesday 13 October 2009 11:00 (30 minutes)*

**Presenter:** SEEBACHER, David (TU Graz)

**Session Classification:** Carbon coating/application

Contribution ID: 39

Type: **not specified**

## Amorphous carbon coating of SPS dipoles

*Tuesday 13 October 2009 11:30 (30 minutes)*

**Presenter:** COSTA PINTO, Pedro (CERN)

**Session Classification:** Carbon coating/application

Contribution ID: 40

Type: **not specified**

## AEC'09 Welcome & Introduction

*Monday 12 October 2009 08:55 (5 minutes)*

**Author:** Dr ZIMMERMANN, Frank (AB/ABP)

**Presenter:** Dr ZIMMERMANN, Frank (AB/ABP)

**Session Classification:** Motivation, e-cloud Beam Observations & Simulations, Coating requirements

Contribution ID: 41

Type: **not specified**

## NEG coating news

*Tuesday 13 October 2009 17:30 (15 minutes)*

**Author:** Dr MALYSHEV, Oleg (ASTeC, Daresbury Laboratory)

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

**Session Classification:** Further strategies