

## **Session Program**

**1-5 Oct 2007**



## **CARE-HHH-APD BEAM'07**

### ***Session 2 Space charge and instabilities***

CERN, AT Auditorium (30/7-018)  
AT Auditorium (30/7-018)

# Wednesday 3 October

09:00

## Session 2 Space charge and instabilities

Session | Location: CERN, AT Auditorium (30/7-018), AT Auditorium (30/7-018)

### 09:00-09:30 Influence of Uniform Electron Clouds on the Coupling Impedance

#### Speakers

Dr Ahmed Al-Khateeb, Prof. Oliver Boine-Frankenheim, Dr Rainer W. Hasse

#### Location

CERN, AT Auditorium (30/7-018), AT Auditorium (30/7-018)

### 09:30-10:00 Transverse beam stability with space charge

#### Speaker

Dr Vladimir Kornilov

#### Location

CERN, AT Auditorium (30/7-018), AT Auditorium (30/7-018)

### 10:00-10:30 Stability of coherent dipole oscillations with space charge

#### Speakers

Oleksandr Chorniy, Prof. Oliver Boine-Frankenheim, Dr Thomas Weiland

#### Location

CERN, AT Auditorium (30/7-018), AT Auditorium (30/7-018)

### 10:30-11:00 Coffee break

### 11:00-11:30

## Measurement and simulation and transverse Schottky signals and BTF in SIS 18

#### Speakers

Prof. Oliver Boine-Frankenheim, Mr Stefan Paret, Dr Vladimir Kornilov

#### Location

CERN, AT Auditorium (30/7-018), AT Auditorium (30/7-018)

### 11:30-11:50

## Benchmark of ACCSIM-ORBIT Codes for Space Charge and Electron-lens Compensation

#### Speaker

Dr Masamitsu Aiba

#### Location

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### 11:50-12:10 Space-charge Measurements at the PSB

#### Speaker

Dr Michel Chanel

#### Location

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12:10-12:30

**Transverse Mode Coupling Instability in the SPS: Headtail Simulations and Moses Calculations**

**Speaker**

Mr Benoit Salvant

**Location**

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12:30-13:00

**Discussion**

**Location**

CERN, AT Auditorium (30/7-018), AT Auditorium (30/7-018)

13:00-14:30

**Lunch break**

14:30