

## **Session Program**

**14-16 Oct 2010**



### **EuCARD - HE-LHC'10 AccNet mini-workshop on a “High-Energy LHC”**

#### ***Session 3: Synchrotron radiation and beam dynamics***

Villa Bighi, MALTA  
The Malta Council for Science and Technology (MCST)

# Friday 15 October

08:30

## Session 3: Synchrotron radiation and beam dynamics

**Session** | **Location:** Villa Bighi, MALTA | **Conveners:** Vladimir SHILTSEV, (s.secr.) Elias METRAL

08:30–08:55 **Heat load & cryogenics 20'**

**Speaker**

Dimitri Delikaris

08:55–09:20 **Requirements from the vacuum system 20'**

**Speaker**

Dr Jose Miguel Jimenez

09:20–09:45 **Beam screen issues 20'**

**Speaker**

Dr Elias METRAL

09:45–10:05 **COFFEE BREAK 20'**

10:05–10:25 **IBS and cooling at RHIC& HE-LHC active emittance control 15'**

**Speaker**

Dr Wolfram Fischer

10:25–10:45 **Modeling IBS and cooling 15'**

**Speaker**

Dr Oliver Boine-Frankenheim

10:45–11:05 **SR damping, IBS, and beam-beam simulations 15'**

**Speaker**

Dr Vladimir Shiltsev

11:05–11:25 **SR + beam-beam simulations 15'**

**Speaker**

Kazuhito Ohmi

11:25–12:10 **Questions and discussion 45'**

12:15