

## **Session Program**

**8-10 Feb 2016**

# **Second Topical Workshop on Instabilities, Impedance and Collective Effects (TWIICE 2)**

## ***Simulation***

The Cosener's House, The Garden Room  
The Cosener's House Abbey Close Abingdon Oxfordshire OX14 3JD

# Monday 8 February

14:30

## Simulation

### Session |

**Location:** The Cosener's House, The Garden Room, The Cosener's House Abbey Close Abingdon Oxfordshire OX14 3JD

#### 14:30–15:05 **Review on collective effects**

##### Speaker

Dr Karl Bane

##### Location

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#### 15:05–15:30 **Overview of collective effects for the ESRF upgrade**

##### Speaker

Simon White

##### Location

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#### 15:30–15:55 **Impedance and single-bunch instabilities for the APS upgrade**

##### Speaker

Mr Ryan Lindberg

##### Location

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#### 15:55–16:20 **Analysis of single- and multi-bunch collective effects in NSLS-II**

##### Speaker

Gabriele Bassi

##### Location

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#### 16:20–16:50 **Coffee break**

#### 16:50–17:15

### **Progress on macro-particle simulations of fast beam ion instabilities in the framework of the PyHEADTAIL code**

##### Speaker

Lotta Mether

##### Location

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#### 17:15–17:40 **Wakefield Code ECHO: Algorithms and Applications**

##### Speaker

Dr Igor Zagorodnov

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#### 17:40–18:05 **A Parallelized Vlasov-Fokker-Planck Solver for Desktop PCs**

18:05

**Speaker**

Mr Patrik Schoenfeldt

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