

## **Session Program**

**8-10 Feb 2016**

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

## ***Diagnostics and instrumentation***

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

## Tuesday 9 February

14:15

### Diagnostics and instrumentation

**Session** |

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

14:15-14:40

#### Beam dynamics meets diagnostics

**Speaker**

Giuliano Franchetti

**Location**

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

14:40-15:05

#### Longitudinal bunch-by-bunch feedback at DLS

**Speaker**

Guenther Rehm

**Location**

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

15:05-15:30

#### Triangle and concave pentagon electrodes for an improved broadband frequency response of stripline beam position monitors

**Speaker**

Yong Ho Chin

**Location**

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15:30-15:55

#### Bunch-by-bunch feedback: advanced control and diagnostic techniques

**Speaker**

Dmitry Teytelman

**Location**

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15:55-16:25

#### Coffee Break

16:25-16:50

#### Progress on intra-bunch feedback for the SPS - beam measurements and dynamics with feedback

**Speaker**

John Fox

**Location**

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16:50-17:15

#### Experimental investigations of CSR instabilities at SOLEIL: recent results using high-repetition rate electro-optical sampling

**Speaker**

Dr Serge Bielawski

**Location**

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**17:15–17:40****Diagnostics for collective effect studies at ESRF****Speaker**

Eric PLOUVIEZ

**Location**

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**17:40–18:05****Investigation of turn-by-turn micro-bunch instabilities using an ultra-fast Schottky barrier diode detector array****Speaker**

Aiveen Finn

**Location**

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18:05