

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

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14:40-15:05 **Longitudinal bunch-by-bunch feedback at DLS**

Speaker

Guenther Rehm

Location

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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