

Session Program

19-20 Apr 2018



Topical Workshop on Diagnostics for Ultra-Low Emittance Rings (TW-DULER)

BPM technology

Diamond Light Source, G59
Diamond House, Harwell Campus, Didcot, OX11 0DE, United Kingdom

Friday 20 April

08:30

BPM technology: BPM1

Session |

Location: Diamond Light Source, G59, Diamond House, Harwell Campus, Didcot, OX11 0DE, United Kingdom

08:30–09:00

Advantages of the pilot tone approach in sub-micron BPM applications for low emittance machines

Speakers

Dr Gabriele Brajnik, Raffaele De Monte

09:00–09:30

High Energy Photon Source BPM digital electronics research

Speaker

Dr Yufei Ma

09:30–10:00

Status of current synchrotron BPM electronics and investigations towards future BPM concepts

Speaker

Mr Manuel Cargnelutti

10:00

10:30

BPM technology: BPM2

Session |

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10:30–11:00

BPM for Co-Propagating Beams

Speaker

Dr Igor Pinayev

11:00–11:30

New button-type beam position monitor design for BESSY-VSR

Speaker

Ji-Gwang Hwang

11:30–12:00

Advanced Beam Diagnostic Experiments Using the BPMs at NSLS-II

Speaker

Dr Weixing CHENG

12:00