

# **DEELS - Diagnostics Experts of European Light Sources**

**Tuesday 16 June 2020 - Tuesday 16 June 2020**

**Virtual Event**

## **Scientific Programme**

**Draft topics list 1.0**

## **1. Fundamental time-saving diagnostics for commissioning of new machines**

Experiences on fundamental time-saving diagnostics for commissioning of new machines (BPMS, BLMS, etc)

## **2. Digital infrastructures for fast orbit feedback**

Experiences or future projects about the infrastructure for fast orbit feedback (e.g. Ethernet vs. custom)

## **3. Compact, or miniature, BPM pick-ups for small aperture vacuum chambers**

The new high brilliance storage rings and FELs require smaller and smaller vacuum chambers: maybe new pick-ups are needed?

## **4. BBA techniques**

Beam Based Alignment techniques: continuous power supply modulation vs one-shot step by step techniques...

## **5. Diagnostics: any other topics**

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