Session Program

13–15 Jul 2016

4th ARD ST3 Workshop - Matter and Technology

Session 2: Stability, Control and Synchronisation

HZB Berlin, WCRC Hörsaal (14.51-3147)
Albert-Einstein-Str. 15

Thursday 14 July

14:30

Session 2: Stability, Control and Synchronisation
Session | **Location:** HZB Berlin, WCRC Hörsaal (14.51-3147), Albert-Einstein-Str. 15

14:30–14:50 **Control system independent software development**

Speaker
Martin Killenberg

14:50–15:10 **MicroTCA system architecture and capabilities**

Speaker
Mr Michael Fenner

15:10–15:30 **Recent advances in FPGA technology**

Speaker
Dr Michele Caselle

15:30–15:33 **SP1: SRF single cavity controls**

Speaker
Dr Konrad Przygoda

15:33–15:36
SP2: Middleware-independent and hardware-abstracted control applications with ChimeraTK

Speaker
Dr Martin Hierholzer

15:36–15:39 **SP3: CONTROL AND NETWORK SYSTEMS OF TARLA FACILITY**

Speaker
Mr Ayhan AYDIN

15:39–15:42
SP4: Bunch arrival-time monitoring for laser particle accelerators and Thomson scattering x-ray sources

Speaker
Dr Michael Kuntzsch

15:42–15:45 **SP5: Feedback Control for Optical Synchronization**

Speaker
Mr Michael Heuer

15:45–15:48 **SP6: Advanced laser synchronization at REGAE**

Speaker
Mr Mikheil Titberidze

15:48–15:51 **SP7: Status of the optical synchronisation system at European XFEL**

Speaker
Mr Mikheil Titberidze

15:51–15:54   **SP8: Fast interlock procedures for NRF cavities**

Speaker
Christian Schmidt

15:54–15:57   **SP9: Model Based Fault Diagnosis for Quenches**

Speaker
Ayla Nawaz

15:57–16:00   **SP10: Temporal characterization of a UV seeded HGHG FEL at FLASH**

Speakers
Dr Armin Azima, Dr Jörn Bödewadt

16:00–17:30   **Posters Session: Stability, Control and Synchronisation**

17:30