

Diagnostics Experts of European Light Sources

1st Workshop 12-13 May 2014

CTRM Meeting Room

DAY 1

08.30	Welcome Coffee	Central Building
08:50	Welcome & Practical remarks	Kees
09.00	XFEL Standard Diagnostics	Dirk
09.30	Development of cost efficient cavity BPM pick-ups	Boris
10.00	Bunch length measurements through 10GHz pick-up signals	Eric
10.30	Coffee Break	
10.50	Data acquisition system of TeraHz detectors & Optical powered Sensors in BLMs	Nigel
11.20	Single shot EOSD measurements at ANKA	Nicole
11.50	Visible light interferometer at ALBA	Ubaldo
12.20	Guided visit of ESRF NEG Coating Facility	MTBN
12.50	Lunch	ESRF Canteen
14.30	Beam energy through Spin depolarization at ALBA	Ubaldo
15.00	Beam energy through Spin depolarization at ESRF	Friederike
15.30	New ESRF BPM buttons	Kees
16.00	Coffee Break	
16.20	Review of PETRA-3 diagnostics	Gero
16.50	Results with Libera Spark	Kees
17.20	Libera performance with release 2.09	Angel
17.40	E-XFEL button BPM system	Boris
18.15	Free time	
20.30	Dinner at 'Café de la Table Ronde'	Grenoble

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DAY 2

08.30	Ultra sensitive dark current measurements in the Injector	Kees
09.00	Purity measurements at SOLEIL	Nicolas
09.30	Different detectors for Time-Corr. Single Photon Counting	Guenther
10.00	Coffee Break	
10.20	ESRF Halo monitor	Kees
10.50	Tune measurements through PLL excitation & I/Q Detector in FPGA	Guenther
11.20	E-XFEL Intra-bunch train feedback	Boris
12.00	Lunch	ESRF Canteen
13.00	Stability studies at SOLEIL	Nicolas
13.30	Fast Orbit response matrix measurements	Guenther
14.00	Problems setting up the Fast Orbit Feedback at ALBA	Angel
14.30	Coffee Break	
14.50	Beamloss detectors for new ESRF Ring	Kees
15.20	Single bunch bursting measurement techniques at DLS	Guenther
16.00	Round up	

All presentations include 10 minutes of discussion