

SPP hot-topic meeting: workshop on large scale facility-based techniques

Thursday 26th sept. 2019 **LISE-MEITNER CAMPUS, Hahn-Meitner-Platz 1, 14109 Berlin (Wannsee). LR building (seminar room LR204)**

	12.00-13.00	Get together and finger food
A. Fantin	13.00-13.30	Welcome remarks and general introduction to the world of large-scale facilities

Part I: diffraction

A. M. Manzoni	13.30-14.00	Using synchrotron diffraction to determine lattice misfits in compositionally complex alloys with γ/γ' microstructure
S. Checchia	14.00-14.30	Fast lattice distortions and atomic-scale structure: the contribution of high-energy XRD to the study of complex materials

Coffee break

Part II: spectroscopy

C. Stephan-Scherb	15.00-15.30	Elucidation of surface degradation phenomena by in situ X-Ray techniques
G. O. Lepore	15.30-16.00	Insights on local chemical ordering in complex materials from Extended X-ray Absorption Fine Structure (EXAFS) analysis
S. Kasatkov	16.00-16.30	Prospects of X-ray spectroscopy methods application for HEA and CCA design in the light of relationship between mechanical properties and electronic structure of metallic alloys

Coffee break

BERII (Neutron Source) visit	17.00-18.30	
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Moving to hotel and dinner	18.30-	Restaurant details will be provided
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Friday 27th sept. 2019 **WILHELM-RÖNTGEN-CONRAD CAMPUS, Albert-Einstein-Straße 15, 12489 Berlin (Adlershof)**

Meeting at BESSYII entrance	9.15	
BESSYII (Synchrotron) visit	9.30-11.30	