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

*Thursday 26th sept. 2019*  
LISE-MEITNER CAMPUS, Hahn-Meitnerr-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  
A. M. Manzoni

**Part I: diffraction**

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  
A. M. Manzoni

**Coffee break**

**Part II: spectroscopy**

15.00-15.30  
Elucidation of surface degradation phenomena by in situ X-Ray techniques  
C. Stephan-Scherb

15.30-16.00  
Insights on local chemical ordering in complex materials from Extended X-ray Absorption Fine Structure (EXAFS) analysis  
G. O. Lepore

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  
S. Kasatikov

**Coffee break**

BERII (Neutron Source) visit  
17.00-18.30

Moving to hotel and dinner  
18.30-  
Restaurant details will be provided

*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