



Contact: Dr. Andrea Fantin (TU Berlin / HZ Berlin)

subgroup meeting “Large scale facility-based techniques”
2nd November 2021

List of confirmed speakers and tentative topics:

- Fantin (TU Berlin & HZB):

introduction to large-scale facilities;

- G. O. Lepore (Università degli studi di Firenze, Italy):

X-ray absorption spectroscopy technique and preliminary results on hcp HEA Al₁₅Sc₁₀Ti₂₅Zr₂₅Hf₂₅

- S. Checchia (ESRF, Grenoble)

Pair Distribution function technique and preliminary results on hcp HEA Al₁₅Sc₁₀Ti₂₅Zr₂₅Hf₂₅

- Fantin (TU Berlin & HZB):

synchrotron in-situ high-resolution X-ray diffraction technique and preliminary results on hcp HEA Al₁₅Sc₁₀Ti₂₅Zr₂₅Hf₂₅

- S. Kasatkov (Saint-Petersburg state University, Russia):

Investigation of chemical and electronic properties of CCAs/HEAs by means of X-ray spectroscopy techniques

- P. Suarez Ocano (BAM, Germany)

In-situ monitoring of growing oxidation of the Chemically Complex Alloy AlMo_{0.5}NbTa_{0.5}TiZr in the High Temperature Regime using synchrotron radiation.

- E. Zaiser (TU Berlin)

Diffraction on high temperature alloys at beamline KMC-2