

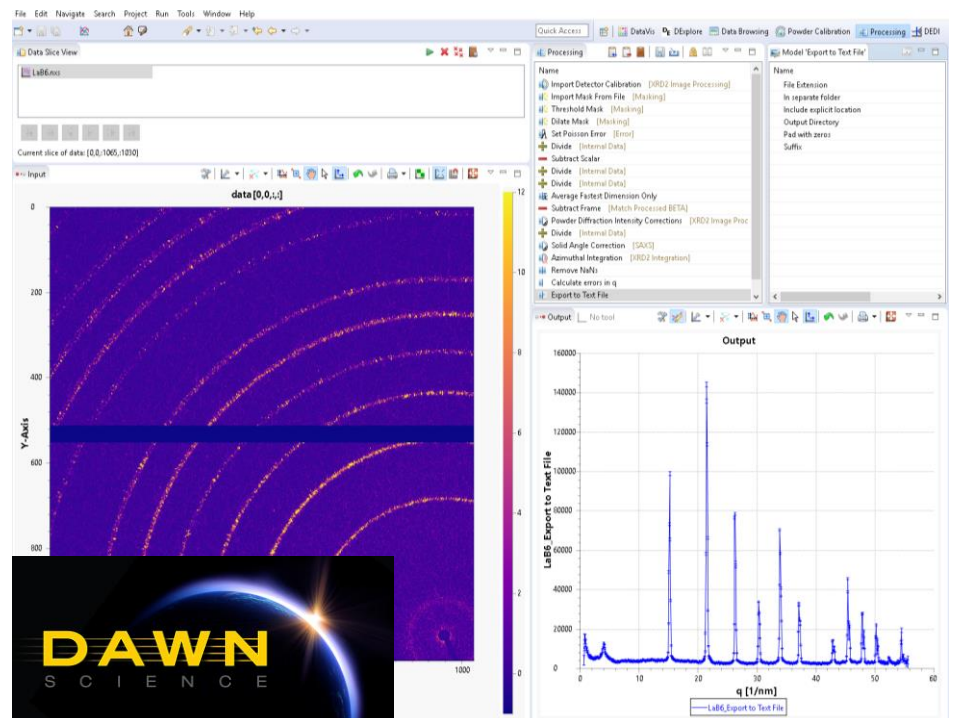
Better with Scattering: SAXS/WAXS Workshop for Nano-Materials

with B. R. Pauw, I. Bressler, G. J. Smales, A. F. Thünemann, and more!

16 – 19 March 2020, BAM Main Campus, Unter den Eichen 87, 12205 Berlin



Data collection with the MAUS SAXS/WAXS instrument



Data processing with DAWN

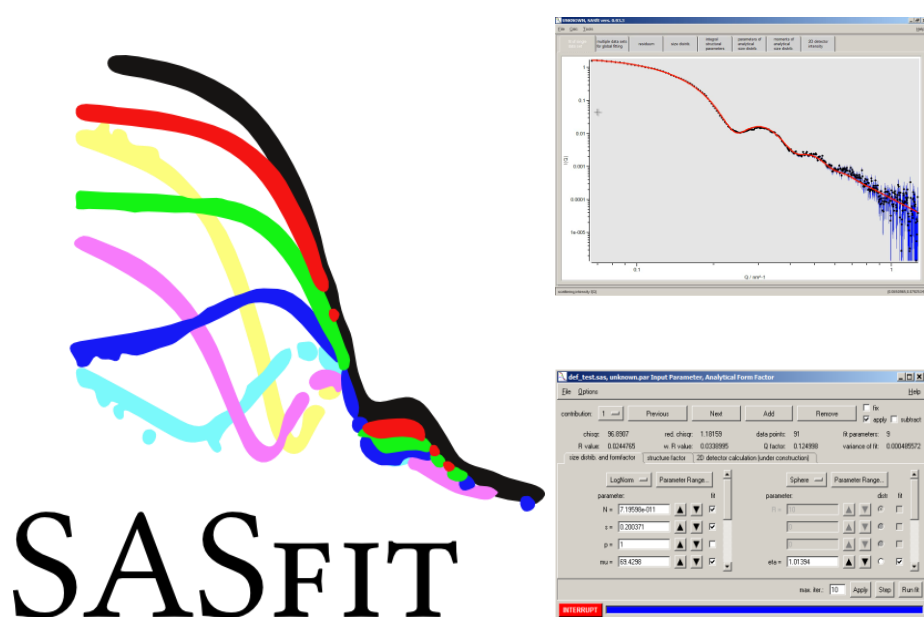
What?

The workshop is open to all Ph.D and Post-Doc researchers from all areas of materials science, whom are interested in learning about Small-/ Wide-Angle X-ray scattering (SAXS/WAXS) and how it can be utilised in their own research to elucidate the nanostructure of materials. The workshop will be run **free of charge** and throughout the course you will:

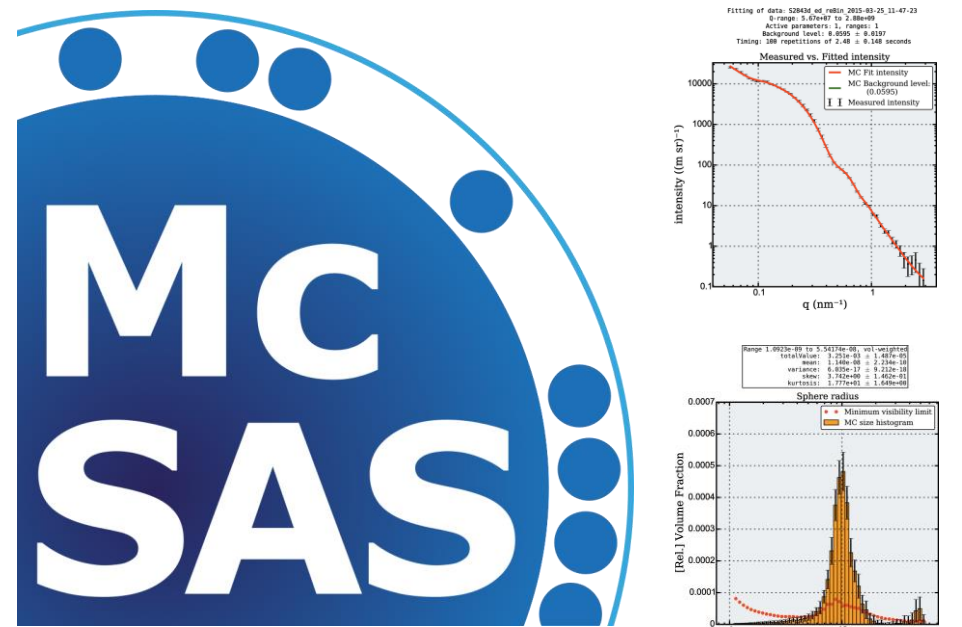
- Learn the fundamentals of SAXS/WAXS
- Practice making practical consideration for measurements
- Measure your own materials in the MAUS (BAM's state-of-the-art SAXS/WAXS instrument)
- Learn to process data according to standardised methods (DAWN)
- Practice different SAXS data analysis methods on you own data (McSAS, SASfit, SasView)
- Discuss your results and interpretations with world-renowned specialists

How to Apply?

Interested candidates can send a short e-mail to scattering@bam.de. A short proposal form will then be sent to you to be filled in, where you can briefly describe your research and provide some information on your samples. Based on these entries a selection of attendees will be made for the workshop.



Data analysis with SASfit



Data analysis with McSAS