

**Current positions**

Head of Division “Structure and Dynamics of Energy Materials”, HZB (since 2011)

Professor at Freie Universitaet Berlin, Germany (since 2008)

Previous positions (two selected)

Head of group, Institute of Technology, HZB (2006-2008)

Scientist, Institute of Mineralogy, Crystallography and Materials Science, University Leipzig (2001-2006)

Scientific degrees

Dr. rer. nat. (PhD) in Physics Technical University Berlin (1995)

Habilitation University Leipzig (2006)

Recent research topics

Photovoltaic materials research, advanced analytics (in particular synchrotron X-ray and neutron diffraction), compound semiconductors, crystal structure and defects

Awards, honors, memberships

Secretary General of the Federal Association of Materials Science and Engineering (BV MatWerk) (2019)

Publications/Patents (5 most important)

- **G. Schuck, F. Lehmann, J. Ollivier, H. Mutka, S. Schorr**, Influence of chloride substitution on the rotational dynamics of methylammonium in $\text{MAPb}_{3-x}\text{Cl}_x$ perovskites, *J. Phys. Chem. C* (2019) [doi:10.1021/acs.jpcc.9b01238](https://doi.org/10.1021/acs.jpcc.9b01238)
- **J. Breternitz, S. Levenco, H. Hempel, G. Gurieva, A. Franz, A. Hoser, S. Schorr**, Mechanochemical synthesis of the lead-free double perovskite $\text{Cs}_2[\text{AgIn}]\text{Br}_6$ and its optical properties, *J. Phys. Energy* (2019) [doi:10.1088/2515-7655/ab155b](https://doi.org/10.1088/2515-7655/ab155b)
- **G. Gurieva, L.E. Valle-Rios, A. Franz, P. Whitfield, S. Schorr**, Intrinsic point defects in off-stoichiometric $\text{Cu}_2\text{ZnSnSe}_4$: A neutron diffraction study, *J. Appl. Phys.* (2018) [doi:10.1063/1.4997402](https://doi.org/10.1063/1.4997402)
- **J. Breternitz, S. Schorr**, What defines a perovskite? *Adv. Energy Mater.* (2018) [doi:10.1002/aenm.201802366](https://doi.org/10.1002/aenm.201802366)
- **D. Többens, G. Schuck, S. Schorr**, Anomalous dispersion as a tool for the analysis of compound semiconductors, *Semicond. Sci. Technol.* (2017) [doi:10.1088/1361-6641/aa8708](https://doi.org/10.1088/1361-6641/aa8708)