

PhD theses

- [1] Nicole Biedermann. *Carbonate-silicate reactions at conditions of the Earth's mantle and the role of carbonates as possible trace element carriers*. PhD thesis, University of Potsdam, Group Mineralogy, 2020.
- [2] Chris-Julian Fruhner. *Investigations on phase stability of carbonates using fluorescence- and Raman spectroscopy*. PhD thesis, Goethe University Frankfurt am Main, Group Crystallography/ Mineralogy, 2019.
- [3] Jan Müller. *P-T-X phase diagrams of carbonates: Focus on the FeCO_3 - MgCO_3 and CaCO_3 - MgCO_3 solid solution series*. PhD thesis, TU Berlin, School Planning Construction, Environment, 2018.
- [4] Michal Stękiel. *Understanding phase transitions in carbonates by investigation of their lattice dynamics*. PhD thesis, Goethe University Frankfurt am Main, Group Crystallography/ Mineralogy, 2019.
- [5] Christopher Weis. *Untersuchung von strukturellen und elektronischen Phasenübergängen geologisch relevanter Probensysteme bei extremen Drücken mittels XRS und XES*. PhD thesis, TU Dortmund, Group Physic/ DELTA, 2018.