

DGK Jahrestagung 2021

Monday 15 March 2021

Inorganic crystal structures (14:45-16:25)

-Conveners: Joachim Breternitz

time	[id] title	presenter
14:45	[4] A mineral with new loop-branched sechser single chains Khurayyimitite $\text{Ca}_7\text{Zn}_4(\text{Si}_2\text{O}_7)_2(\text{OH})_{10}\cdot 4\text{H}_2\text{O}$	KRÜGER, Biljana
15:05	[12] The telluridogallates REGaTe_2 (RE = La – Nd)	LINDEMANN, Tobias
15:25	[24] The Lanthanoid Oxoantimonate(III) Bromides $\text{LnSb}_2\text{O}_4\text{Br}$ (Ln = Eu – Tb): Synthesis, Crystal Structure and Luminescence	Mr GOERIGK, Felix Christian
15:45	[49] Structural investigations of mixed anionic rare-earth and transition metals selenide oxides using synchrotron radiation	BENNDORF, Dr. Christopher
16:05	[34] Structural variations in $\text{RETe}_{1.875-\delta}$ – distorted Te nets and chemical bonding	PODDIG, Hagen

Tuesday 16 March 2021

Inorganic crystal structures - <https://desy.zoom.us/j/99208594918> (10:15-11:35)

-Conveners: Thomas Doert

time	[id] title	presenter
10:15	[63] Luminescent Nitridoalumooxophosphates by High-Pressure / High-Temperature Synthesis	OECKLER, Oliver
10:35	[83] High-pressure synthesis of novel yttrium nitride, Y5N14, at 50 GPa	ASLANDUKOV, Andrii
10:55	[114] How Occupancy Disorder Impacts Magnetism in Topological Insulators	FOLKERS, Laura
11:15	[65] Charge density wave order in Pr ₂ Ru ₃ Ge ₅	BAO, Jin-Ke

Wednesday 17 March 2021

Inorganic crystal structures - <https://desy.zoom.us/j/95389284535> (10:15-11:15)

-Conveners: Thomas Schleid

time	[id] title	presenter
10:15	[93] Crystal structure, complex phase diagram and re-entrant phase transition in NaSrPO ₄	SCHREYER, Martin
10:35	[113] Disorder in layered tellurides Tt ₁ Pn ₂ Te ₄ (Tt = Ge, Sn, Pb; Pn = As, Sb, Bi)	STAAB, Lennart
10:55	[11] Crystal Structures and Anisotropic Expansion of Coordination Compounds from the Mg(SCN) ₂ · x H ₂ O/THF System	BETTE, Sebastian