

DGK conference 2022

Tuesday 15 March 2022

Young Crystallographers Lightning Talks (14:20 - 16:00)

-Conveners: Tina Weigel; Constantin Buyer

time	[id] title	presenter
14:20	[250] LTP I: Ordered and disordered binary beryllium pnictides: between Zintl polyanions and Grimm-Sommerfeld compounds	FEIGE, Alexander
14:33	[251] LTP II: POWTEX: Data Reduction, Event Correlation and Machine Learning	NACHTIGALL, Noah
14:46	[252] LTP III: Detection of ice-crystal artifacts in macromolecular diffraction data through machine learning	NOLTE, Kristopher
14:59	[212] Hydrogen shift in electrostatic potential maps from 3D ED experiments	KLAR, Paul Benjamin
15:04	[145] Influence of the Co to Mo molar ratio on active phase formation of ammonia synthesis catalysts: in-situ XRPD analysis	Mr ADAMSKI, Pawel
15:09	[161] Topochemical conversion of layered tungstates: an in-situ Raman spectroscopy and total scattering study	LEFELD, Niels
15:14	[146] XRPD and TEM as tools to determine crystallite size of nanocrystalline iron	ALBRECHT, Aleksander
15:19	[183] Anion size dependence of band gaps of iodido antimonates	MÖBS, Jakob
15:24	[121] Crystal structures of host-guest complexes of carboxylated pillar[5]arene with drugs	BUTKIEWICZ, Helena
15:29	[42] Elucidation of Barocaloric Effect in Spin Crossover Compounds	SHAHED, Hend
15:34	[23] Probing Possible Non-Covalent Interactions on a Hexacationic Ag(I)-Pillarplex-Dodecyldiammonium Pseudo-Rotaxane as Terephthalate Salt	HEIDECKER, Alexandra
15:39	[111] Finite and Infinite Chains of Heavy-Atom Clusters	HERZ, Maria Annette
15:44	[113] A Periodic Density Source for a Periodic System: Using PAW-DFT for Hirshfeld Atom Refinement	RUTH, Paul Niklas
15:49	[61] Synthesis of Polycrystalline Mixed System $\text{Rb}_{3-x}\text{K}_x\text{Cu}_3\text{AlO}_2(\text{SO}_4)_4$	SCHEIBLICH, Clemens
15:54	[129] Mechanically plastic molecular crystals for shapeable optic waveguide	Mr FEILER, Torvid