

DGK conference 2022

Tuesday, March 15, 2022

Young Crystallographers Lightning Talks (2:20 PM - 4:00 PM)

-Conveners: Tina Weigel; Constantin Buyer

time	[id] title	presenter
2:20 PM	[250] LTP I: Ordered and disordered binary beryllium pnictides: between Zintl polyanions and Grimm-Sommerfeld compounds	FEIGE, Alexander
2:33 PM	[251] LTP II: POWTEX: Data Reduction, Event Correlation and Machine Learning	NACHTIGALL, Noah
2:46 PM	[252] LTP III: Detection of ice-crystal artifacts in macromolecular diffraction data through machine learning	NOLTE, Kristopher
2:59 PM	[212] Hydrogen shift in electrostatic potential maps from 3D ED experiments	KLAR, Paul Benjamin
3:04 PM	[145] Influence of the Co to Mo molar ratio on active phase formation of ammonia synthesis catalysts: in-situ XRPD analysis	Mr ADAMSKI, Pawel
3:09 PM	[161] Topochemical conversion of layered tungstates: an in-situ Raman spectroscopy and total scattering study	LEFELD, Niels
3:14 PM	[146] XRPD and TEM as tools to determine crystallite size of nanocrystalline iron	ALBRECHT, Aleksander
3:19 PM	[183] Anion size dependence of band gaps of iodido antimonates	MÖBS, Jakob
3:24 PM	[121] Crystal structures of host-guest complexes of carboxylated pillar[5]arene with drugs	BUTKIEWICZ, Helena
3:29 PM	[42] Elucidation of Barocaloric Effect in Spin Crossover Compounds	SHAHED, Hend
3:34 PM	[23] Probing Possible Non-Covalent Interactions on a Hexacationic Ag(I)-Pillarplex-Dodecyldiammonium Pseudo-Rotaxane as Terephthalate Salt	HEIDECKER, Alexandra
3:39 PM	[111] Finite and Infinite Chains of Heavy-Atom Clusters	HERZ, Maria Annette
3:44 PM	[113] A Periodic Density Source for a Periodic System: Using PAW-DFT for Hirshfeld Atom Refinement	RUTH, Paul Niklas
3:49 PM	[61] Synthesis of Polycrystalline Mixed System $Rb_{3-x}K_xCu_3AlO_2(SO_4)_4$	SCHEIBLICH, Clemens
3:54 PM	[129] Mechanically plastic molecular crystals for shapeable optic waveguide	Mr FEILER, Torvid