

DGK Jahrestagung 2021

Monday 15 March 2021

Disordered Materials, complex crystal structures and aperiodic crystals, diffuse scattering and 3D-PDF (14:45-16:25)

-Conveners: Martin v. Zimmermann

time	[id] title	presenter
14:45	[6] Single-crystal-to-single-crystal phase transitions of commensurately modulated sodium saccharinate 1.875-hydrate	REKIS, Toms
15:05	[13] The application of mean field theory to single crystal diffuse scattering	SCHMIDT, Ella
15:25	[39] Tunable bonding in the incipient metal thermoelectric GeTe	KIMBER, Simon
15:45	[70] First order CDW phase transitions in $R_2Ir_3Si_5$ ($R = Ho, Er, Lu$)	VAN SMAALEN, Sander
16:05	[84] Information Theory and Crystallography – a Fruitful Combination for Assessing Crystal Structure Complexity?	KIESLICH, Gregor

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Disordered Materials, complex crystal structures and aperiodic crystals, diffuse scattering and 3D-PDF -

<https://desy.zoom.us/j/95636973549> (10:15-11:35)

-Conveners: Sander van Smaalen

time	[id] title	presenter
10:15	[108] Direct lock-in transition in 4-biphenylcarboxy substituted L-phenylalaninate crystals	DEY, Somnath
10:35	[131] Three-Dimensional Mapping of Diffuse Scattering of Perfect Si	IVASHKO, Oleh
10:55	[95] The complexity of magnetic spin orders and dynamically disordered hydrogen bond networks in a hureaulite-type oxyhydroxide, $Mn_5[(PO_4)_2(PO_3OH)_2](HOH)_4$	Prof. PARK, SoHyun
11:15	[99] Surface modifications of ion- irradiated diamonds	BUNK, Katja