

DGK Jahrestagung 2021

Wednesday, 17 March 2021

In situ / in operando studies - <https://desy.zoom.us/j/98065314980> (15:15 - 16:35)

-Conveners: Claudia Weidenthaler

time	[id] title	presenter
15:15	[56] Stabilization mechanisms of pure tetragonal zirconia nanocrystallites using an original supercritical-based synthesis route	PHILIPPOT, Gilles
15:35	[67] Understanding thermal exfoliation of h-BN using in situ X-ray diffraction	YAN, Zhengyu
15:55	[110] Tracking the facet-resolved strain state of a PtRh nanoparticle under catalytic reaction conditions	KELLER, Thomas F.
16:15	[15] Selective in-situ exsolution of catalytically active metals from doped perovskites during methane dry reforming	SCHRENK, Florian

Thursday, 18 March 2021

In situ / in operando studies - <https://desy.zoom.us/j/97195167153> (10:15 - 11:35)

-Conveners: Claudia Weidenthaler

time	[id] title	presenter
10:15	[111] Crystallization pathway control of $\text{Bi}_2\text{Fe}_4\text{O}_9$ studied by in situ Pair Distribution Function analysis	KIRSCH, Andrea
10:35	[121] Homoepitaxial growth of magnetite (Fe_3O_4) (001)	TOBER, Steffen
10:55	[126] Insitu X-ray analysis of misfit strain and curvature of bent polytypic $\text{In}_x\text{Ga}_{1-x}\text{As}/\text{GaAs}$ core/shell nanowires	AL-HUMAIDI, Mahmoud
11:15	[128] Observing the oxidation of platinum under operando electrochemical conditions	Dr JACOBSE, Leon