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In situ GIWAXS analysis of MAPbI₃ formation using the software tool INSIGHT

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Here we report on the formation of hybrid perovskite methylammonium iodide (MAPbI₃) from lead iodide and methylammonium iodide by thermal annealing as observed in situ. We applied in situ grazing-incidence wide-angle x-ray scattering (GIWAXS) to analyze phase and texture information in real-time with our python-based software tool INSIGHT.

Primary author: REUS, Manuel (TUM E13)

Co-authors: REB, Lennart (TUM E13); ALEXANDER F., Weinzierl (TUM E13); WEINDL, Christian (TUM Physik); SCHWARTZKOPF, Matthias (DESY); CHUMAKOV, Andrei (DESY); ROTH, Stephan (DESY / KTH); MÜLLER-BUSCHBAUM, Peter (TU München, Physik-Department, LS Funktionelle Materialien)

Presenter: REUS, Manuel (TUM E13)

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