



Contribution ID: 11

Type: Poster

Cation order determination in kesterite-type quaternary semiconductors by Multiple Edge Anomalous Diffraction (MEAD)

Tuesday, 15 March 2022 16:15 (1 minute)

Multiple Edge Anomalous Diffraction (MEAD) was used to determine the cation order of $\text{Cu}_2\text{FeSnS}_4$, $\text{Cu}_2\text{GaGeS}_4$, $\text{Cu}_2\text{ZnSnSe}_4$, $\text{Cu}_2\text{ZnSiSe}_4$ and $\text{Cu}_2\text{ZnGeSe}_4$ quaternary chalcogenide semiconductors, which crystallize in either kesterite, stannite or wurtz-kesterite type structure.

Primary author: TÖBBENS, Daniel (Helmholtz-Zentrum Berlin für Materialien und Energie (HZB))

Co-author: Prof. SCHORR, Susan (Helmholtz-Zentrum Berlin für Materialien und Energie)

Presenter: TÖBBENS, Daniel (Helmholtz-Zentrum Berlin für Materialien und Energie (HZB))

Session Classification: Postersession

Track Classification: Main conference: Engineering Materials and Applications