## **DGK conference 2022**



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## Structural characterization and mechanism for crystal desolvation induced by polymer-assisted grinding

Wednesday, 16 March 2022 09:00 (20 minutes)

Polymer-assisted grinding is shown to be an effective method to remove solvent molecules from a crystal solvate. The desolvation can be tuned based on polymer type and amount. Products are characterized by x-ray diffraction, pair distribution function analysis, Raman spectroscopy, and theoretical energy calculations to investigate the structural implications and mechanism at hand.

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