

MS35-01 | SYNTHONS: THROUGH THE LOOKING-GLASS, AND WHAT WE HAVE YET TO FIND THERE

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This presentation will critically evaluate the concepts, theories, and ideas underpinning modern crystal engineering efforts, with a view to stimulating a constructive, community-wide conversation about the current state of the art [1]. Some of our recent efforts to further develop existing guidelines for the design of molecular cocrystals and solid solutions will also be discussed, along with a brief description of an alternative and underused method for the preparation of novel cocrystals [2].

[1] M. K. Corpinot, D.-K. Bučar, *Cryst. Growth Des.* **2019**, *19*, 1426-1453.

[2] S. J. Diez, M. D. Eddleston, M. Arhangelskis, M. Milbled, M. J. Müller, A. D. Bond, D.-K. Bučar, W. Jones, *Cryst. Growth Des.* **2018**, *18*, 3263–3268.