

CMCC Mechanochemistry Discussions

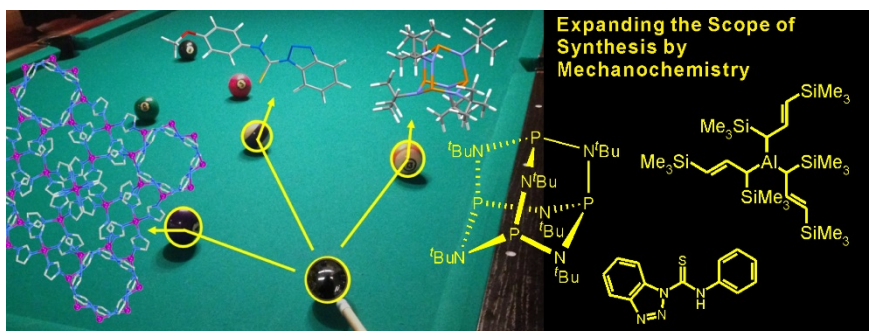
Online Seminar Series

Mechanochemistry: Chemists' Re-discovery of the Book of Stones

THURS. October 15, 2020
at **10:00 AM** Central Time

on the CMCC YouTube Channel:

<https://www.youtube.com/channel/UC7eCYPKbGTKpgO7W2bNABxg>



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The past 15 years have witnessed a rise of interest in spontaneous^[1] and mechanically-induced (mechanochemistry)^[2] transformations of solids as a means to achieve cleaner, solvent-free reactions: from pharmaceuticals and MOFs, to DNA synthesis and enzyme catalysis. Although such reactivity has been known for millennia in influential texts of the ancient world,^[3] it is only over the past several years that its potential has become fully appreciated by synthetic chemists and materials scientists.

Join us in exploring this recent emergence of solid-state reactivity and its role as cornerstone of a cleaner and safer, Green Chemistry!

[1] Huskić, Lennox, Friščić, *Green Chem.* **2020**, 22, 5881; [2] Friščić, Mottillo, Titi, *Angew. Chem. Int. Ed.* **2020**, 59, 1018; [3] Theophrastus "On Stones", translation by E. R. Caley & J. F. C. Richards, Graduate School Monographs, Ohio State University, Columbus, USA (1956).



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