



CMCC Mechanochemistry Discussions

Online Seminar Series

Principles and Applications of Covalent Polymer Mechanochemistry

10:00 AM (CT)

THURS. February 18, 2021

on the CMCC YouTube Channel:

[Dr. Stephen Craig Seminar](#)



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ABSTRACT:

The direct coupling of mechanical forces in polymers to covalent chemical reactions has opened new opportunities in chemical reactivity, stress-responsive materials, and mechanochemically active soft devices. This talk will describe how some simple concepts, including fundamental physical organic principles that are familiar to chemists, can be used to expand the mechanophore toolbox. Speculation for emerging areas of opportunity will be presented.



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