

# **Mechanochemistry Across Time: From Ancient Practices to Mechanochromic Coordination Polymers**

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This lecture will explore mechanochemistry as both a historical and modern synthetic approach, highlighting its roots in ancient material processing and its current role in sustainable solid-state synthesis. Particular attention will be devoted to the mechanochemical preparation of coordination polymers, with emphasis on the mechanochromic behavior of selected compounds and the potential applications arising from their responsive properties.