

**Shock Compression Seminar Series
APS GSCCM Announcement**

Tuesday, April 20, 2021 at 12:00 PM Eastern Time

Shock Compression of Materials: Continuum to Atomic Scale Understanding

*Professor Yogi Gupta
Washington State University*

Shock wave experiments are uniquely suited to examine the real-time evolution (ps - μ s) of condensed matter phenomena resulting from volume compression, deformation, and temperature rise – inherent attributes of shock compression. Following brief introductory comments, this talk will focus on experimental developments to address long-standing needs regarding *in-situ*, real-time, multiscale measurements in shock experiments. Representative examples will be presented to highlight recent scientific findings resulting from such measurements.

For more information, or to recommend future speakers contact Seminar Organizer, Tracy Vogler at tjvogle@sandia.gov or the GSCCM Secretary/Treasurer Matt Lane at jlane@sandia.gov.