



The Institute for Shock Physics **SEMINAR SERIES** *Presents*

The Basics of Equation of State Modeling

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A general introduction to Equation of State (EOS) modeling will be presented. The goal is to provide the audience with an overall sense of what is involved in producing a complete Equation of State (single and multi-phase) and what advanced methods (DFT, QMD, etc..) are being utilized to better constrain the thermodynamic models. I will also present a variety of shock data results and show how these results are utilized in building an EOS versus validating our EOS. The general interest of this work spans disciplines: Physicists, Chemists, Material Scientists, Mechanical Engineers, Geophysicists, and Applied Mathematicians.

Part I:

Wednesday, July 10 || 10:00 AM – 12:00 PM (Pacific)

Zoom Meeting ID: 910 7236 2266 || Passcode: WSUISP

Part II:

Thursday, July 11 || 10:00 AM – 12:00 PM (Pacific)

Zoom Meeting ID: 969 7789 3422 || Passcode: WSUISP

