



Locations:

Livermore Software Technology Corp.

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Material Characterization for Metals, Plastics & Polymers - From test data to Material model

Instructor: Suri Bala, LSTC

1 Days - \$100 Students \$50 w/student ID

Includes on site continental breakfasts, lunches, breaks

Includes 30-day LS-DYNA demo license to practice

Prerequisite 1-2 years of experience in LS-DYNA is recommended but not required.

Description: The class is designed for students who would like to gain deep insight into the process of material characterization in LS-DYNA. The class provides a brief overview of all available materials models available in LS-DYNA, followed by getting the student familiar with several tests to capture key mechanical properties..

1. Introduction

A significant portion of the class will walk through the steps:

- **Understanding the material.**
- **Defining minimum and recommended tests to perform, and review the process of data-cleansing and conversion of the test data to LS-DYNA material model**
- **Verification of the material properties.**