Material Characterization for Metals, Plastics & Polymers: From Test Data to Material Model

Instructor: Suri Bala, LSTC

1 Day - $200   Students $100 w/student ID
Includes on-site continental breakfast, lunch, breaks
Includes 30-day LS-DYNA demo license to practice

Description: This introductory 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 familiarizing students with several tests to capture key mechanical properties.

A significant portion of the class will walk through these 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