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.