Airbag Folding
Instructor: Raghu Chivukula, LSTC
2 Days - $400   Students $200 w/student ID
Includes on site continental breakfasts, lunches, breaks, class dinner
Includes 30-day LS-DYNA demo license to practice

Prerequisite: Students should already be familiar with LS-DYNA

Description: This two day class provides an introduction to airbag folding and morphing strategies in LS-DYNA/LS-PREPOST. The operations of preprocessor based airbag folding and simulation based airbag folding are presented in detail, along with a step-by-step procedure to aid the implementation of these folding operations. Workshops demonstrating each stage of folding and morphing operations are provided to assist the learning process. It provides a platform to implement various folding patterns, while tuning the occupant response, without having to wait for the delivery of folded mesh from external teams.

Contents
- Introduction
- Overview of Airbag Folding Methodologies
- Applications of Airbag Folding
- LS-PREPOST (Preprocessor) Based Airbag Folding Methodology
  - ABFOLD Toolbox
    - Thin Fold
    - Thick Fold
    - Tuck Fold
    - Spiral Fold
  - Airbag Reference Geometry Verification and Morphing Tools
  - Workshop
- LS-DYNA (Simulation) Based Airbag Folding Methodology
  - DynFold Toolbox
    - SPC Tool
    - Load Mesh Tool
    - BPFG Tool
    - Stitch Tool
    - Tuck Tool
  - Simulation Folding Modeling Practices
    - Workshop
- Passenger Airbag Morphing
  - PAB Morphing Toolbox
    - Workshop
  - Additional Morphing Tools

Class Locations:
Livermore Software Technology Corp.
7374 Las Positas Rd. Livermore, CA 94551
1740 West Big Beaver Road Troy, MI 48084
Contact: classes@lstc.com
www.lstc.com/training