



11th Int'l LS-DYNA Users Conference Training Courses  
Wednesday & Thursday, June 09-10, 2010

Training Course Registration: 8:00 a.m

Training Courses Held: 9:00 a.m - 5:00 p.m.

Continental Breakfast/Lunch both days

**LS-PrePost 3.0 Instructor: Philip Ho**

- Overview
  - GUI layout, keyword and mouse operations
  - Ls-Prepost 2.4 to 3.0 transition
- Geometry Engine
  - Simple geometry creation
  - Points, lines, surface, solids
  - Geometry cleaning before meshing
- Meshing
  - Simple shape creation
  - Automatic meshing from Iges/Step files
  - 2D meshing
  - Sweeping 2D cross section into 3D solid
  - Generate solid element from shell element
  - Generate shell element from solid faces
- Mesh Checking and editing
  - Mesh quality check
  - Shell element normal check and reverse
  - Mesh editing and cleanup
- Mesh modification and creation by
  - Translation
  - Transformation
  - Reflection
  - Scaling
  - Projection
  - Offset
- Keyword data
  - Multiple input files
  - Keyword data creation and editing
  - Keyword file output
- LS-DYNA data creation
  - Coordination system
  - Constrained data
  - Initial data
  - Rigid wall
  - Sets data

- Post-Processing
  - Animation
  - Fringing, fringe range setting
  - Showing result
  - History plotting
    - D3plot files
    - Ascii file
    - User files
    - Crossplot
  - Output
    - Movie
    - Image
    - Deformed geometry
- Misc.
  - Cross-section cutting
  - Color management
  - Annotation
  - Measurement
  - Setting
  - Command file and Macro
  - Configuration file

For training inquiries contact Cathie – [Cathie@lstc.com](mailto:Cathie@lstc.com)