

10th International LS-DYNA® Users Conference

Post-Conference Training Seminars

June 11th & 12th

Conducted at the **University of Michigan - Dearborn**

Registration Opens at 8:30 a.m.

Class runs from 9:00 a.m. to 5:00 p.m.

(Continental Breakfast and Lunch provided both days)

For more information, contact Cathie Walton at cathie@lstc.com or 313-790-9040

LS-PrePost Training

Instructor: Philip Ho

Who Should Attend:

This course is recommended for people who want to use LS-PrePost to generate the finite element model and to prepare the input data file for LS-DYNA, and also to post-process LS-DYNA output files.

COURSE CONTENTS:

<ul style="list-style-type: none">• Overview<ul style="list-style-type: none">○ GUI layout, keyword and mouse operations• Meshing<ul style="list-style-type: none">○ Simple geometry creation○ Automatic meshing from Iges/VDA 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<ul style="list-style-type: none">○ Mesh quality check○ Shell element normal check and reverse○ Mesh editing and cleanup• Mesh modification and creation by<ul style="list-style-type: none">○ Translation○ Transformation○ Reflection○ Scaling○ Projection○ Offset• Keyword data<ul style="list-style-type: none">○ Multiple input files○ Keyword data creation and editing○ Keyword file output	<ul style="list-style-type: none">• LS-DYNA data creation<ul style="list-style-type: none">○ Coordination system○ Constrained data○ Initial data○ Rigid wall○ Sets data• Post-Processing<ul style="list-style-type: none">○ Animation○ Fringing, fringe range setting○ Showing result○ History plotting<ul style="list-style-type: none">▪ D3plot files▪ Ascii file▪ User files▪ Crossplot○ Output<ul style="list-style-type: none">▪ Movie▪ Image▪ Deformed geometry• Miscellaneous<ul style="list-style-type: none">○ Cross-section cutting○ Color management○ Annotation○ Measurement○ Setting○ Command file and Macro○ Configuration file
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