> "This is a basic but very useful training to get you started with LS-DYNA implicit. Many workshops are presented to discuss and understand the different types of implicit analyses and the cards required to set up each one of them."

Laura Rovira Crespo, Rob Livesey
Arup

Introduction to LS-DYNA Implicit

Course Objective

The course is an introduction to the use of implicit analysis in LS-DYNA. The main focus is on the different types of linear and non-linear static analysis. The required input cards for each one of them are discussed.

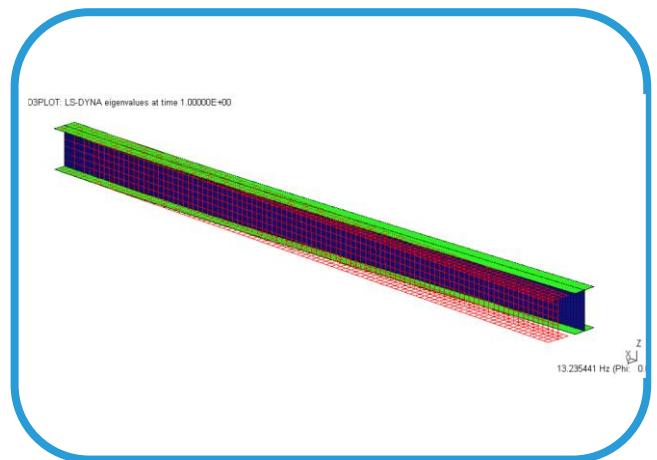|	
› Implicit vs. explicit	› Control / Database Cards
› Memory	› Linear Static Analysis
› Time / Timesteps	› Non-Linear Static Analysis
› Element formulation	› Intermittent Eig. Analysis
› Material models	› Freq. Response Analysis
› Contacts	› Buckling Analysis
› Control cards	› Other
› Dynamic Relaxation	

The robustness of the LS-DYNA implicit solver has significantly improved in the recent years. Similarly, its capabilities have considerably widen. For this reason, its usage has notably increased as well.

The goal of this 1-day class is to give an overview of the basic features of the LS-DYNA Implicit code and the standard implicit analysis types. Examples and workshops for each one of the analysis types are used to demonstrated how to set up the keywords and analyse the results.

For who?

This course is for engineers who are seeking to gain knowledge in LS-DYNA implicit analysis. Previous experience in LS-DYNA explicit is recommended.

PRICE: Free for two attendees per company (Additional £ 400 + VAT).

Location: The Arup Campus, Blythe Gate, Blythe Valley Park, Birmingham, Solihull B90 8AE

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