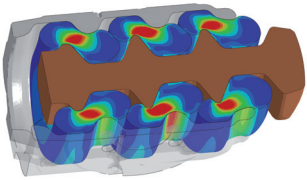
Invitation to the seminar

Implicit Analysis with LS-DYNA

29 - 30 September, Stuttgart, Germany

In recent years, the simulation possibilities in LS-DYNA using implicit time integration have been enhanced extensively. The main areas of application for implicit analyses include linear and nonlinear static computations, natural frequency analyses, springback, lengthy transient simulations, systems with preload, etc.



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The aim of the seminar is to give participants an overview of the possibilities and limits of implicit simulations using LS-DYNA. In particular, attention will be drawn on the required input cards for such simulations.

The seminar is recommended for engineers intending to use LS-DYNA to carry out implicit simulations. In addition, experienced "explicit users" learn about what to bear in mind when converting explicit into implicit input decks. Examples will be given during the seminar to illustrate the functionality of the implicit options.

Content

- Differences between explicit and implicit
- Input syntax for implicit control cards
- Linear static, dynamic, nonlinear analysis
- Eigenvalue analysis
- Modal analysis, linear buckling
- Frequency response function
- Switching
- Element types, material models, contact types
- Troubleshooting convergence problems
- Summary with checklist of most important settings

Basic knowledge of LS-DYNA or prior attendance at the seminar "Introduction to LS-DYNA" is recommended.

We would be pleased to welcome you at the seminar.

Register today at www.dynamore.de/implicit-e

ORGANIZATION/REGISTRATION

Organization

Date: 29-30 Sept. 2016, 9:00 AM - 5:00 PM

Language: English

Venue: DYNAmore GmbH, Industriestr. 2,
D-70565 Stuttgart, Germany
Tel. +49 (0)711 - 459600 - 0

Registration Form

I herewith register for the seminar:
"Implicit Analysis with LS-DYNA",
29-30 Sept. 2016, Stuttgart, Germany:
☐ Industry: 950 € ☐ Research institution: 475 €
☐ Students: free of charge, if there are vacancies

First name: _____

Last name: _____

Company/University: _____

Dept.: _____

Street: _____

Zip-code, city: _____

Phone: _____

Fax: _____

E-Mail: _____

Date, Signature: _____

Please complete and fax to +49(0)711-459600-29, send to DYNAmore GmbH, Industriestr. 2, D-70565 Stuttgart, Germany, or e-mail to seminar@dynamore.de.

All prices plus VAT.

Online registration at www.dynamore.de/implicit-e

Declaration of consent to the use of personal data:

With your registration you allow us the use and the processing of your data for the seminar organization and promotional purposes. You may, at any time, revoke your consent by contacting DYNAmore GmbH via phone or in writing.

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