

The Nordic LS-DYNA Users' Forum 2008

We invite you to take part in the Nordic LS-DYNA Users' Forum that will be held on October 2 at Quality Hotel 11 in Gothenburg, Sweden.

The forum brings together LS-DYNA users, researchers and developers to discuss LS-DYNA developments and its applications in simulations of complex mechanical problems. We expect 150 attendees from the Nordic countries and Baltic states.

The presentations will come partly from LS-DYNA distributors and partly from industry. Dr. J.O. Hallquist, president of LSTC, will present the latest developments in LS-DYNA and Dr. N. Stander, LSTC, will talk about current and new features of LS-OPT. We are also happy to announce that Roger Malkusson, GM/Patec, China, will give an insight into the Chinese automobile development.

There will be parallel sessions covering topics like crash simulations, metal forming, and material models.

More information can be found at:
<http://www.erab.se/forum2008>



Training Class and Seminar at the Nordic LS-DYNA Users' Forum

In close connection to the forum, we are pleased to offer the following training class and seminar in Gothenburg:

- LS-DYNA Introductory course.
Monday September 29 - Wednesday October 1.
9500 SEK excluding VAT.
- LS-OPT seminar with Dr. N. Stander, LSTC.
Friday, October 3.
2000 SEK excluding VAT.

For more information and registration please email course@erab.se

971 R3.1

The latest official version of LS-DYNA and mpp/LS-DYNA is version 971 Release R3.1.

ERAB News, a periodic news communication from Engineering Research Nordic AB is sent to LS-DYNA users in the Nordic Countries and the Baltic States. It contains information on the use of LS-DYNA and activities arranged for the LS-DYNA user community. If you have received a copy of ERAB News from someone else and would like to subscribe yourself, send an email to support@erab.se with subject "SUBSCRIBE ERAB News".
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LS-OPT version 3.3 released

Version 3.3 of LS-OPT brings several enhancements and new features:

- Support for Microsoft Windows Compute Cluster Server (CCS).
- Robust parameter (Taguchi) design.
- Radial Basis Function network meta-models, which is a faster alternative to Neural networks.
- Support for shape optimization using the ANSA-morpher.
- More powerful 3-D plotting of metamodels and constraints.
- Multi-Objective optimization (MOO) for converging to the Pareto optimal front is now supported.

A complete list of new features is available in the LS-OPT installation package. LS-OPT 3.3 is freely available for download from our software server <http://ftp.erab.se>. LS-OPT 3.3 is available for Windows and Linux. UNIX versions are available on request.

Compress DYNA results with FEMZIP

FEMZIP-L is a specialized tool for the compression of LS-DYNA results developed by the Fraunhofer Institute. It reads and compresses the native data formats. The decompression tool FEMUNZIP is available at Fraunhofer web site free of charge

Crash simulation results are usually stored in 32 bit floating point representation. Due to numerical approximation errors and the inaccuracy in the model description itself, the 32 bit floating point representation is far too accurate compared to the actual precision of the simulation results. FEMZIP compresses your files according to your parameters and helps you save disc space by removing unnecessary data.

Engineering Research distributes FEMZIP. Contact sales@erab.se for more information.

ARUP web page

ARUP has a new web page where you will find information on their software and FE models (barriers etc.) which are distributed by Engineering Research.

www.oasys-software.com/dyna

Office closed 18-25 July

Due to vacation the office will be closed between Friday the 18th and Friday the 25th of July. During this period the support e-mail will not be monitored. For urgent matters such as license issues, please call +46 (0)13 236680.
