

2010 Nordic LS-DYNA Users' Forum, Agenda and Invitation

Date: October 14

08.45-09.15 Registration

09.15-09.20 Welcome and opening - Larsgunnar Nilsson (ERAB)

09.20-10.10 Recent Developments in LS-DYNA - John Hallquist (LSTC)

10.10-10.20 Sponsor - Microsoft

10.20-10.50 Coffee & Exhibition

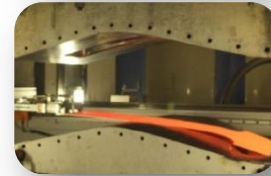
10.50-11.15 CAE Driven Development at Saab Automobile -
Martin Öman (Saab Automobile AB)

11.15-11.40 An Overview of LS-OPT Functionality with a Preview
of Version 4.2 - Nielsen Stander (LSTC)

11.40-12.05 Recent Developments in Damage and Failure Modeling
with LS-DYNA - André Haufe (Dynamore)

12.05-12.15 Sponsor – IBM, Gcompute

12.15-13.20 Lunch & Exhibition



Parallel sessions **Crash, Dummies, Optimization**

13.20-13.40 FE reconstruction of a real life accident -
Linus Wågström (Volvo Car Corporation)

13.40-14.00 Developments in LS-DYNA Dummy models -
Robert Kant (FTSS)

14.00-14.20 Assessing crash dummy use with human FE models for heavy
vehicle crashes - Kristian Holmqvist (Chalmers)

14.20-14.40 Product family optimization at Scania. -
Michael Öman (Scania)

Sheet Metal Forming

Forming applications at SKF -
Christian Holmér (SKF)

Thermo mech. sheet metal forming of aero engine
components in titanium - Eva-Lis Odenberger (IUC)

Simulation of high temperature formblowing and
hardening– Hans-Åke Häggblad (LTU)

Study of micro-structure evolution in the press hardening
process with respect to tool and contact thermal properties
– Mats Oldenburg (LTU)

14.40-15.20 Coffee & Exhibition

Parallel sessions **Implicit Analysis, Material Models, Biomechanics.**

15.20-15.40 Development of New Tools for Crash and Safety Analysis.
Performance driven LS-DYNA simulation with ANSA and META -
L. Rorris, et al (BETA)

15.40-16.00 Modeling active properties of human musculature using control
feedback in LS-DYNA. Jonas Östh (Chalmers)

16.00-16.20 Prediction of charge and structure behavior in a tumbling mill -
Per Jonsén (LTU)

16.20 -16.40 Modal frequency response analysis of railway car BIW -
Larsgunnar Nilsson (ERAB)

Sheet Metal Forming, Material Models

New Features of Dynaform5.8 –
Jeanne Ho (ETA)

Utilizing simulations in the development of cold-formed
thin-walled structures - Lassi Martikainen (Hamk)

Constitutive and fracture modeling of advanced steels –
Odd-Geir Lademo (NTNU)

Simulation of a multistage forming and assembling
process using LS-DYNA - Alexander Govik et al (LiU)

16.45-16.55 Sponsor - GoVirtual

16.55-17.00 Closing and Final Remarks

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About

The Nordic LS-DYNA Users' Forum will be held at Fars Hatt , Gothenburg, on October 14 2010.

The forum brings together LS-DYNA users, researchers and developers to discuss LS-DYNA developments and its applications in simulations of complex mechanical problems. Developers from LSTC will participate to inform about the latest developments in LS-DYNA, LS-PrePost and LS-OPT. Specially invited speakers will talk about how LS-DYNA simulations contribute to their companies and products. We expect 200 attendees from the Nordic countries and Baltic States.

In close connection to the forum we are pleased to offer training in LS-DYNA introduction, see <http://www.erab.se/>

The conference is **free of charge** including participation in all sessions, lunch, and refreshments.

NOTE: For cancellations by attendees received later than 30 September 2010 the attendee will be invoiced 500 SEK.

Please book your hotel accommodation by yourself.

Last date for registration is September 30. http://www.erab.se/?page=conf_registration

For more information, contact:

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Engineering Research Nordic AB is the official LSTC distributor of LS-DYNA in the Nordic Countries and the Baltic States. LS-DYNA is the state-of-the-art Finite Element program system for nonlinear problems. We also distribute pre- and post-processors that are related to LS-DYNA as well as Finite Element crash dummy models. In addition to providing software and support, we provide consultancy services. Engineering Research Nordic and it's team of highly qualified engineers can be a valuable partner all the way from the early design phase to product verification.

Sponsors:

