

The 6th European LS-DYNA Users' Conference

We are rapidly approaching the 6th European LS-DYNA Users' Conference held May 29-30, 2007, at Quality Hotel 11 in Gothenburg, Sweden. More than 280 attendees will listen to over 100 presentations and visit the 24 exhibitors. It is still possible to register for this event. It's an LS-DYNA event that you can not miss!

We are thrilled to present 11 exciting keynote lectures:

1. **Recent developments in LS-DYNA. Part I**
J Hallquist, Livermore Software and Technology Group
2. **LS-Dyna used to analyze the manufacturing of thin walled cans**
J Danckert, Aalborg University
3. **The role of CAE modelling in Volvo Safety Engineering**
I Skogsmo, Volvo Car Corporation
4. **CAE driven development of Saab cars**
S Nodin, GM Trollhättan

New staff at ERAB

We are pleased to welcome some new members to the Engineering Research staff:

Erik Saläng, M.Sc., is responsible for CAD tasks, such as transition from CAD to FE models. He will also work with support. Erik earned his degree in Mechanical Engineering.

Tobias Olsson, Ph.D., is an expert on material modelling and earned his Ph.D. in Engineering Mechanics at Linköping University in April 2006. Tobias is working with the LS-Dyna code, mainly to develop and implement new material models.

Thomas Johansson, M.Sc., is working with crash simulations and sales/support of software from BETA. Thomas has previously worked at Saab Automobile AB and SAPA AB.

David Karlsson, M.Sc., is working with general simulations with a focus on detonation chambers and simulations using Lagrange, Euler and ALE. David earned his degree in Mechanical Engineering.



Erik, Tobias, Thomas and David

5. **Modelling of material behaviour and fracture for aluminium alloys with applications to plastic forming and crashworthiness**
O Hopperstad, Norwegian University of Science and Technology
6. **Airbag Simulation with LS-DYNA Past - Present - Future**
*A Hirth, DaimlerChrysler AG, A Haufe, Dynamore GmbH
L Olovsson, IMPETUS Afea AB*
7. **Development of advanced human models in THUMS**
M Iwamoto, Y Nakahira, A Tamura, H Kimpara, I Watanabe, K Miki, Toyota Central R&D Labs., Inc.
8. **Bumper system development - A performance and process integration review**
M. Juntti, Gestamp Hardtech
9. **Using LS-DYNA to find failure modes during the design process**
T Zeguer, Jaguar & Land Rover
10. **A Comparative Review of Damage and Failure Models and a Tabulated Generalization**
PA Du Bois, Consulting Engineer, S Kolling, M Feucht, DaimlerChrysler AG, A Haufe, Dynamore GmbH
11. **Recent developments in LS-DYNA. Part II**
J Hallquist, Livermore Software and Technology Group

Support hotline downtime

On Monday May 28 thru Wednesday May 30 the Engineering Research Nordic AB support hotline will not be staffed, as all of our resources go into hosting the European LS-DYNA user's conference. The email address **support@erab.se** will be monitored as much as possible and we will do what we can to answer questions remotely. Any unanswered support issues will of course be dealt with as soon as the staff returns to our office. For urgent issues, please send an email, marked as urgent, to the above adress or call Hotel 11, +46 (0) 31-779 11 11. We apologise for any inconvenience.

the conference website:
<http://www.erab.se/conference2007/>

Support

The Engineering Research Nordic AB support hotline:
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