

Invitation & Agenda

DYNAmore Nordic Users' Forum 2016

October 13-14



Courtesy of Volvo Car Corporation

October 13

| KEYNOTE PRESENTATIONS | | Theatre | |
|-----------------------|--|--|--|
| 8.30 | Registration | | |
| 9.00 | Welcome | M. Redhe (DYNAmore Nordic) | |
| 9.10 | Recent & future developments in LS-DYNA | J. Wang (LSTC) | |
| 10.10 | Refreshment break | | |
| 10.40 | Sponsor presentation | (Gompute) | |
| 10.50 | TBD | J. Jergesus (Volvo Car Corporation) | |
| 11.25 | Latest developments in automotive aerodynamics using LS-DYNA | I. Çaldichoury (LSTC) | |
| 12.00 | LUNCH | | |
| Theatre | | K34 (Eriksbergshallen) | K35 Workshop |
| 13.35 | Robotic lawn mower impact simulations M.Palm (Husqvarna) | ”Model set up and analysis tools for squeak and rattle in LS-DYNA” T. Fokilidis (BETA CAE Nordic) | Implicit analyses in LS-DYNA How to set up and improve convergence T. Johansen (DYNAmore Nordic) |
| 14.00 | Recent development in reinforced polymer modelling in LS-DYNA A. Haufe (DYNAmore GmbH) | Explicit finite element modeling of hood closing in LS-DYNA P. Lagervall & M. Rundqwist (Volvo Car Corporation) | |
| 14.25 | A co-simulation method for sys- tem level simulation of fluid-struc- ture couplings in fluid power systems H. Andersson (Atlas Copco) | Welding analysis in LS-DYNA M. Ghanadi (Volvo CE) | |
| 14.50 | Refreshment break | | |
| 15.25 | Evaluation of Material Models to Predict Material Failure in LS-DYNA H. Sandberg & O. Rydholm (China Euro Vehicle Technology) | “Using an advance FE model of the human head to understand the risk for brain injuries in helmet im- pact tests - A Presentation of the MIPS approval test” P. Halldin (MIPS) | Simulation Data Management by Scale Simulation model management, variant management, model assembly and load case creation, depiction of CAE processes |
| 15.50 | ”Methods for failure prediction in metal sheets” Prof. K. Mattiasson (Chalmers) | Simulation of fluid to solid interaction in metal forming using LS-DYNA P. Christiansen (DTU) | |
| | Modeling of anisotropic damage with *MAT_ADD_GENERALIZED_DAMAGE” F. Andrade (DYNAmore GmbH) | Product development at IKEA using LS-DYNA B.Stoltz (IKEA) | |

October 13

18.00 - Food, drinks and entertainment at our DYNAmore Nordic office in Göteborg, (Bror Nilssons gata 16)

October 14

| Theatre | | K34 (Eriksbergshallen) | K35 Workshop |
|-----------------------|--|---|---|
| 8.00 | Coffee in theatre | | |
| 8.30 | *DEFINE_PRESSURE_TUBE: A Pressure Tube Sensor for Pedestrian Crash J. Karlsson (DYNAmore Nordic) | Eigensolution Technology in LS-DYNA R. Grimes (LSTC) | Methods for modelling Air blast on structures in LS-DYNA D. Hilding (DYNAmore Nordic) |
| 8.55 | Industrial heat treatment simulation using phase kinect models in LS-DYNA in combination with the DynaWeld preprocessor. T. Loose (DYNAmore GmbH) | Development in FE simulaiaon of 3D Roll Forming A.Vigander (Ortic) | |
| 9.20 | Granular structure interaction modelling with LS-DYNA H-Å. Häggblad (LTU) | What's New in BETA CAE Software Suite TBC (BETA CAE Nordic) | Simulation of sheet metal forming using FormingSuite, LS-PrePost and Dynaform M. Schilll (DYNAmore Nordic) |
| 9.45 | Refreshment break | | |
| KEYNOTE PRESENTATIONS | | Theatre | |
| 10.15 | Recent European LS-DYNA Developments | T. Borrvall (DYNAmore Nordic) | |
| 11.15-11-20 | Farewell | D. Hilding (DYNAmore Nordic) | |

Dear LS-DYNA user,

It is a pleasure to invite you to the Nordic LS-DYNA Users' Conference 2016. On October 13-14, LS-DYNA users from the Nordic countries, the Baltic states and the rest of Europe will meet at Hotel 11 in Gothenburg, Sweden.

The conference will provide a great opportunity to share and discuss experiences, to obtain information on upcoming features in LS-DYNA and LS-OPT, and to learn more about new application areas. The central part of the event will be the user presentations

This is the ideal forum to discuss your experiences with LS-DYNA and LS-OPT with other expert users in simulations of complex mechanical problem. Besides presentations from users, there will be also selected keynote lectures of renowned speakers from industry and universities as well as developer presentations from LSTC and DYNAmore. The popular workshops on various topics will also be continued.

In the evening on the 13th, we will arrange a dinner at our DYNAmore Nordic office in Göteborg. (Bror Nilssons gata 16)

We are looking forward to seeing you there!

DYNAmore Nordic AB

Conference venue and accommodation

Hotel 11, Gothenburg, Sweden
Phone: +46 (0)31 - 779 11 11
Fax: +46 (0)31 - 779 11 10
E-mail: q.hotel11@choice.se
www.hotel11.se

Hotel room reservation

Either contact Hotel 11 directly and book a hotel room using the code "DYNAmore", or contact Elin Ekman and she'll book a room for you. Hotel rooms must be booked before September 11.

Participation fees

Free of charge

Registration and contact

DYNAmore Nordic AB
Elin Ekman
Phone: +46 (0)13 - 23 66 80
elin.ekman@dynamore.se

Online registration:
www.dynamore.se/en/frontpage/users2016