

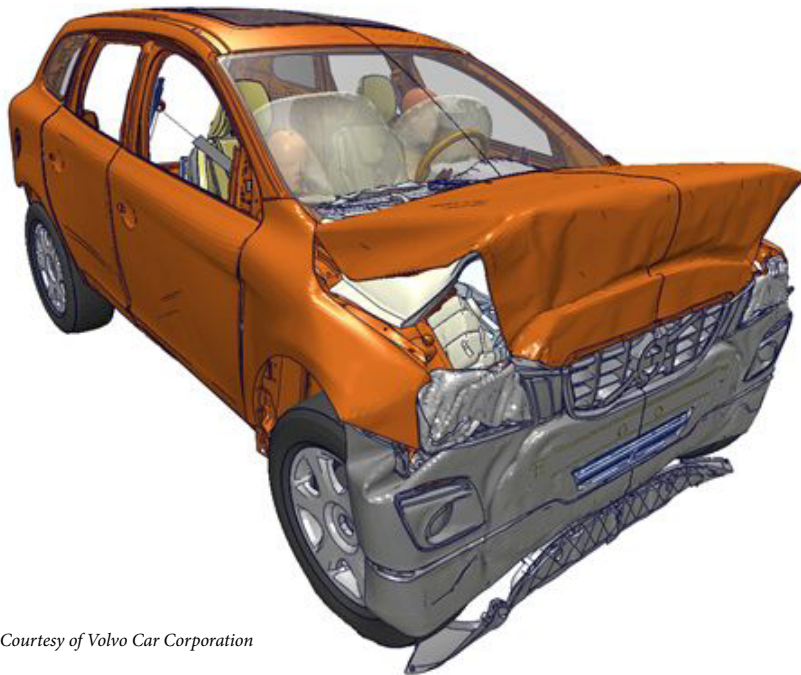
AGENDA

DYNA
MORE NORDIC

LS-DYNA Users Forum 2014

October 9-10 2014, Gothenburg

www.dynamore.se/en/registration



Courtesy of Volvo Car Corporation

AGENDA (Preliminary)

THURSDAY, OCTOBER 9			
LOCATION: THEATER			
KEYNOTE PRESENTATIONS			
8.30	Registration		
9.00	Opening & Welcome M.Redhe (DYNAmore Nordic)		
9.10	Recent Developments in LS-DYNA B. Wainscott (LSTC)		
10.00	Packages and Forming Simulations at Tetra Pak J. Tryding (Tetra Pak)		
10.30	Refreshment break		
11.00	Sponsor presentation: Compute (Gridcore)		
11.10	Crash CAE in the all new Volvo XC90 A. Sandahl (Volvo Car Corporation)		
11.40	Current Status of Subcycling and Multiscale Simulations in LS-DYNA T. Borrvall (DYNAmore Nordic), D. Bhalsod, J. O. Hallquist, B. Wainscott (LSTC)		
12.10	Surprise (Prel) Ulf Torgilsman (Volvo AB)		
12.30	Lunch		
	CRASH & IMPACT SIMULATIONS LOCATION: THEATER	PROCESS SIMULATIONS LOCATION: K 34	CAE PROCESS AND DUMMY MODELS LOCATION: K 33
13.50	DIGIMAT for Anisotropic Failure Prediction of Fiber Reinforced Thermoplastics M.Landervik (DYNAmore Nordic), M. Palm (Husqvarna)	Powder Compaction Simulation in LS-DYNA H. Staf (Sandvik)	Latest Developments of LS-DYNA Test Dummy Models I I. Maatouki (Humanetics Europe GmbH)
14.10	Containment Analysis of Blades in Aircraft Engines R. Tano (GKN Aerospace)	Simulation of Residual Deformation from a Forming, Welding and Heat Treatment Process in Alloy718 E-L. Odenberger (IUC), M. Schill (DYNAmore Nordic)	Latest Developments of LS-DYNA Test Dummy Models II I. Maatouki (Humanetics Europe GmbH)
14.30	Material Testing and Simulation of Glass-Fiber Reinforced Plastics for Gear Shifter Components P. Appelsved (Kongsberg Automotive)	In-Situ Hydroforming of an Annular Barrier in Oil Wells D. Massey (Welltec A/S)	Design Tolerance Optimization Using LS-OPT I A. Basudhar (LSTC), N. Stander (LSTC)
14.50	Simulation of Rollover Crash Events C.Karlsson (Scania CV), A. Jonsson (DYNAmore Nordic)	Testing of Different Material Models of AA6082-T6 B.Olsson (SAPA)	Design Tolerance Optimization Using LS-OPT II A. Basudhar (LSTC), N. Stander (LSTC)
15.10	Refreshment break	Refreshment break	Refreshment break

AGENDA (Preliminary)

	CRASH & IMPACT SIMULATIONS LOCATION: THEATER	PROCESS SIMULATIONS LOCATION: K 34	CAE PROCESS AND DUMMY MODELS LOCATION: K 33
15.40	Adhesives modeling with LS-DYNA: Recent developments and future work T. Graf, A. Haufe, F. Andrade (DYNAmore GmbH)	Particle Based Methods and Applications in LS-DYNA P. Jonsén (LTU)	New Physics-Based Pre-Processing Tools for LS-DYNA Safety Simulation Set-up I P.Appelgren (Beta CAE Nordic)
16.00	Feedback Control in LS-DYNA and Application for Modeling Muscles Responses of Car Occupants J.Östh (Chalmers)	Coupled CFD and Thermomechanical Analysis of Cooling in a die Quenching Tool M. Tingren (DYNAmore Nordic), G.Bergman (Gestamp Hardtech)	Automated Extraction of Occupant Injury Results P.Appelgren (Beta CAE Nordic)
KEYNOTE PRESENTATIONS LOCATION: THEATER			
16.30	LS-OPT New Developments and Outlook N. Stander (LSTC)		
17.00	End of Day One - Come Together and Mingle Outside the Theater D. Hilding (DYNAmore Nordic)		
FRIDAY, OCTOBER 10 LOCATION: THEATER DEVELOPERS DAY			
9.00	Opening & Welcome T. Johansson (DYNAmore Nordic)		
9.05	Interesting Things I Have been Working on B. Wainscott (LSTC)		
9.45	Current and Future Developments in LS-OPT - A Perspective on Multilevel Optimization and Classification Methods A. Basudhar (LSTC), N.Stander (LSTC)		
10.15	Refreshment break		
10.50	Current Status of Subcycling and Multiscale Simulations in LS-DYNA T. Borrvall (DYNAmore Nordic)		
11.20	Paper Modeling in LS-DYNA J. Karlsson (DYNAmore Nordic AB)		
11.50	Details on the DIGIMAT Material Model for Polymers (prel) G. Boisot (e-Xstream) M. Landervik (DYNAmore Nordic AB)		
12.20	Lunch and End		

We warmly invite you to our LS-DYNA Users Forum 2014 (**free of charge**), which will be held October 9-10 2014, at Hotel 11 in Gothenburg, Sweden.

The conference and developers day is an ideal forum for LS-DYNA and LS-OPT users to present, share and discuss experiences, to obtain information on upcoming features, and to learn more about new application areas.

Contributions of high-profile speakers from industry, research, and academia about various applications around LS-DYNA and LS-OPT will be presented. Developer from LSTC and DYNAmore will introduce to recent developments of LS-DYNA.

Goldsponsor:



This year we have several very interesting presentations and you should not miss the presentation from Volvo Car Corporation of the CAE work with the new Volvo XC90 and the presentation from Tetra Pak how they use LS-DYNA in their product development process.

The users forum starts at 09:00 on October 9 and we end the day with a come together and mingle outside the theater at Hotel 11. New for this year is that we also organize a developers day on October 10, where the LSTC developers present their work more in detail.

Don't miss our courses in connection with the conference:

- Getting started with Impact Analysis in LS-DYNA, October 7
- Contacts in LS-DYNA, October 8
- Getting started with Non-linear Implicit Analysis in LS-DYNA, October 8

Register at: dynamore.se/en/registration