

Engineering Research Nordic AB - Livermore Software Technology Corp.:
 Nordic LS-DYNA Users' Conference 2004
 Quality Hotel 11, Gothenburg, Sweden
 October 11 & 12, 2004

Conference sponsor:



Monday October 11:

08.20	Registration/Coffee
09.15	Larsgunnar Nilsson, ERAB: <i>Opening</i>
09.20	John O. Hallquist, LSTC: <i>LS-DYNA: On current and future features</i>
10.20	Refreshments
10.40	Nielen Stander, LSTC: <i>LS-OPT Capabilities for Robust Design</i>
11.20	Mats Oldenburg and Paul Åkerström, LTU: <i>Material characterisation for simulation of press hardening</i>
11.40	Joachim Danckert, Aalborg University: <i>Backward can extrusion of thin walled aluminium cans</i>
12.00	Lunch
13.20	Martin Jonsson, SSAB Hardtech Manager Research and Development: <i>Keynote speaker</i>
14.00	Ann-Britt Ryberg, Saab Automobile: <i>The use of LS-DYNA in detailed side impact analyses</i>
14.20	Bengt Pipkorn, Autoliv: <i>Development of a test method for characterising gas generators</i>
14.40	Ulrich Franz, DynaMore: <i>ES-2 and ES-2 RE development and expected differences in tests</i>
15.00	Johan Jergeus, Volvo Car Corp.: <i>Influence of stochastic material data and thickness variation in crash simulation</i>
15.20	Refreshments
15.50	Erling Weibust, IBM: <i>IBM within CAE and High Performance Computing</i>
16.10	Miles Thornton, ARUP: Recent developments in Primer

16.30	Odd Sture Hopperstad, NTNU: <i>Modelling and analyses of thin-walled castings</i>
16.50	Magnus Langseth, NTNU: <i>Behaviour and modelling of self pierce rivet connections</i>
17.10	Torodd Berstad, NTNU: <i>Perforation of aluminium structures</i>
17.30	<i>End</i>
19.30	Dinner

Tuesday October 12

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09.00	Hans Folkesson, Volvo Car Corp, Senior Vice President Research and Development: <i>Keynote speaker</i>
09.40	Lars Olovsson, FOI: <i>Selective mass scaling for explicit finite element analysis</i>
10.00	Thomas Borrvall, ERAB: <i>Barlat YLD 2000 in LS-DYNA - for modeling anisotropic behavior of sheet metals</i>
10.20	Refreshments
10.40	Philip Ho, LSTC: <i>LS-PREPOST: On current and future features</i>
11.20	Peter Halldin, KTH: <i>Finite element analysis of helicopter pilot neck injuries</i>
11.40	Svein Kleiven, KTH: <i>Constitutive modelling of the human skull and brain in LS-DYNA</i>
12.00	Lunch
13.20	Willem Roux & Nielen Stander, LSTC: <i>Application of neural networks in LS-OPT: parametric study and guidelines</i>
13.40	Mats Sigvant, Volvo Car Corp: <i>FE-simulation of hemming at Volvo Cars Body Components</i>
14.00	Karl-Brian Nilsen, Aalborg University: <i>Intelligent deep drawing - adaptivity to ensure stability and quality</i>
14.20	Knut E. Moen, Raufoss: <i>Thermal analysis with temperature dependent thermal properties</i>
14.40	Pauli Havukainen, Perlos: <i>The use of LS-DYNA in development of thin and small metal parts for telecom industry</i>
	Hannu Martikainen, VTT Industrial Systems: Bauschinger effect during deep drawing simulation
15.00	

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15.20	Refreshments
15.40	John O. Hallquist, LSTC: <i>LS-DYNA: On current and future features</i>
16.40	Larsgunnar Nilsson, ERAB: <i>Closing</i>
16.50	End