

Engineering Research AB - Livermore Software Technology Corp.:

## LS-DYNA Nordic Workshop -98

Collegium Conference, Teknikringen 7-9, Mjärdevi Science Park, Linköping  
Lyceum 1 Hall, October 12-13, 1998

### Monday October 12:

- 09.30**        **Registration /Coffee**  
**10.00**        Larsgunnar Nilsson, ERAB:  
              *Opening*  
10.10        John O. Hallquist, LSTC:  
              *General overview of LS-DYNA version 950*  
**12.00**        **Lunch**  
              Served at Collegium Restaurant  
**13.00**        Larsgunnar Nilsson, ERAB:  
              LS-OPT, Structural optimization with LS-DYNA  
13.40        Per-Olof Marklund, Linköping University:  
              Weight optimization of Saab 9<sup>5</sup> B-pillar using LS-DYNA  
14.00        Atle Johansen, Norwegian University of Science and  
              Technology:  
14.20        Bo Häggblad, ABB Corporate Research:  
              *Pool dynamics*  
14.40        Peter Arvidsson, Volvo Components:  
              *Stamping simulation of large panels at VOLVO*  
**15.00**        **Coffee**  
**15.30**        Torsten Gaertner, EASi Engineering GmbH:  
              *Model and Dataset Management with EASi-CRASH*  
15.50        Frode Iglebeck, ViewTech:  
              *Visualization of LS-DYNA results using GLview*  
**16.10**        **Demonstrations,**  
              **Private communications**  
**19.00**        **Dinner**  
              Served at Collegium Restaurant

### Tuesday October 13:

- 08.30**        John O. Hallquist, LSTC:  
              *Contact interfaces in LS-DYNA*  
**10.00**        **Coffee**  
**10.30**        Mats Svensson, Volvo Car Components:  
              *Simulation of hemming*  
10.50        Ramin Moshfegh, Linköping University:  
              *Simulation of hydromechanical forming*  
11.10        Kjell Mattiasson, Volvo Car Corp.:  
              *Active blank holder control in sheet metal stamping*  
11.30        Odd Perry Sövik, Hydro Raufoss ARC:  
              *Bending of aluminium extrusions with complex cross-*  
              *sections - Process optimization with LS-DYNA*  
**12.00**        **Lunch**  
              Served at Collegium Restaurant  
**13.00**        Lars Olofsson, Linköping University:  
              *Euler and ALE options in LS-DYNA*  
14.00        Excluded due to withdrawn clearance:  
              Mikael Jansson, ERAB:  
              *Simulation of car impact to barrier terminator*  
14.00        Esa Ervasti, Royal Institute of Technology:  
              *Behaviour of surface cracks in rolling of steel slabs*  
14.20        Åsa Gökstorp, ERAB:  
              *Simulation of aluminium profile stretch bending*  
**14.40**        **Coffee**  
**15.15**        John O. Hallquist, LSTC:  
              *LS-DYNA version 950 and beyond*  
**16.30**        **Closure**