

Office downtime 22/12 - 8/1

We will celebrate the Christmas holidays. In addition we will move into a brand new office building the 7-8th of January. The email address support@erab.se will not be monitored during the office downtime. For urgent matters, call +46 (0) 13 23 66 80 which will be manned during office hours, although with limited resources.

Volvo Car Corporation chooses LS-DYNA!

... more to come in the next ERAB News

JSTAMP and HYSTAMP

Engineering Research Nordic has become distributor of the Japan Research Institute programs JSTAMP and HYSTAMP. JSTAMP is an integrated forming simulation system for the virtual tool shop and it meets various industrial needs. The JSTAMP program gives convenience to engineers, reliability to products, and robustness to tool shop via the advanced technology of the program. HYSTAMP is a one-step solver that can be run in batch mode, which frequently has been demanded by many of our clients.

The JSTAMP and HYSTAMP programs will complement our existing set of FE programs for forming simulations from LSTC, ETA and FTI.

Barriers for crash simulations

The new Arup-Cellbond (EEVC) Offset Deformable Barrier (ODB) for Frontal Impact is now released. This model is used in the following regulations and consumer tests:

- ♦ EU Directive 96/79/EC Frontal Impact Protection
- ♦ UN-ECE Reg. 94 Revision 1 Frontal Impact Protection (ECE R94) FMVSS 208 Occupant Crash Protection (5th Percentile Adult Female)
- ♦ Euro-NCAP, A-NCAP, J-NCAP Front Offset Test
- ♦ IIHS Offset Barrier Crash

This model is added to the suite of Arup-Cellbond barrier models already released:

- ♦ NHTSA barrier - for side (FMVSS214) & rear (FMVSS301) impact IIHS barrier - for IIHS side impact
- ♦ Advanced European - Mobile Deformable Barrier (AE-MDB) - new side impact barrier proposed by EEVC WG13
- ♦ Advanced 2000 barrier - for EU Directive 96/27/EC Side Impact Protection & ECE R94 (this barrier has superseded the EEVC Multi 2000 Side Impact Barrier in some tests).

Support

support@erab.se +46 (0) 13 23 66 80

New address

At the beginning of January Engineering Research will move to new office facilities. The company has grown considerably during the last year and we are therefore moving to a larger office in the building next door. At the same time the zip code will change making our new address:

Engineering Research Nordic AB
Brigadgatan 14
SE-587 58 Linköping
Sweden

The address will be valid from January 9.

New staff at ERAB

Anders Jonsson, PhD., fatigue and strength analysis expert, earned his Ph.D in Solid Mechanics at the Royal Institute of Technology, Stockholm (KTH) in 2002. Anders has previously worked at Scania CV AB with fatigue analyses (both high and low cycle) of engine components and the development of new analysis methods.

Susanne Dahlstedt, B.Sc. in Economics, will be in charge of our economic and administrative services and duties.



Anders and Susanne are now the tallest and the shortest persons at ERAB

*Engineering Research would like
to wish all customers a
Merry Christmas and a
Happy New Year*