## Dear Reader,

Summer season has begun and we look forward to some nice time off when we get to recharge our batteries before the fall. An ideal summer day is when the sun is shining brightly, the breeze is blowing slowly and birds singing joyfully.
Bright smiles, warm sunshine and happy thoughts are our only wishes for you this summer. May you have a happy summer!

## Office Unmanned/Reduced Service, July 20 - August 2

Please note that our office is closed July 20 - August 2, due to the summer vacation period. If you should be in need of our support during this period please send an email to our Support. Please accept a longer response time than usual.
Thank you for your understanding!

## DYNAmore Implicit Toolbar

Are you an LS-DYNA user that use ANSA to set-up your implicit simulations? Great news then! DYNAmore Nordic has developed a custom toolbar for setting up and checking implicit LS-DYNA models in ANSA. A powerful tool based on our extensive implicit guidelines that help you set-up and troubleshoot implicit LS-DYNA models, highlighting and fixing possible issues with for example contacts, element formulations or unsuitable material parameters. Both the toolbar and of course the implicit guidelines are available free of charge for DYNAmore customers.
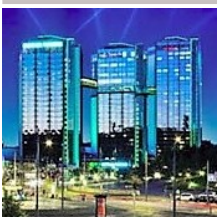Contact our Support to try it now!

## Thank you!

We want to thank everyone for making the *16th International LS-DYNA Conference virtual event* a success with thousands of attendees! However, with 100+ sessions and many exhibits it is impossible to see them all during the conference itself, the big bonus with a virtual conference is that it is recorded. So, if you missed a presentation or even the whole conference it is still available on demand! Read more and sign up at: lsdynaconference.com.
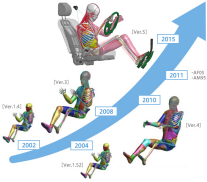
## DYNAmore Express - Records and slides online

Did you miss the DYNAmore Express webinar series held by our German colleagues? No worries, the recordings are now available on Youtube and the slides are found on DYNAmore GmbH website.

## The Nordic LS-DYNA User's Conference is cancelled

Due to the situation caused by current pandemic we have decided to cancel the *Nordic LS-DYNA User's Conference 2020*. We are working on a solution to hold a smaller event this fall and will keep you updated. We hope for your understanding. The next larger event in Europe will be *the European LS-DYNA Users Conference* in Ulm, Germany, on October 5-6, 2021.
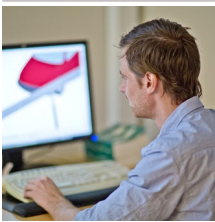
## Toyota Offers Free Access to THUMS Software
### *from January 2021*

Read Toyota's press release. DYNAmore Nordic has been the distributor in the Nordic area and will stop distribution of THUMS at end of 2020. However, THUMS is still very important material for bio-mechanics, safety for real world and virtual assessment in Euro-NCAP and even though the model itself will be free, DYNAmore Nordic and J-SOL will still be involved in related solutions like positioning, assessment rating etc. DYNAmore Nordic will go into the next stage for THUMS and LS-DYNA, and will assist all its customers with:

- Methodology work with experience in human models
- Project work for development or your products
- Assessment according to Euro NCAP TB024
- Tools to position THUMS and evaluate the results, J-SeatDesigner
- Extended support

You are welcome to contact DYNAmore Nordic if you have any questions.

## We miss meeting you in person....

...and truly hope that coming fall will be opened for smaller events such as our seminars. But until the pandemic restrictions are lifted, we will continue to offer our seminars online instead. We believe that we are able to provide compatible seminar experiences with interactive teaching, seminar material and examples. Visit our website for more information or registration.

## WEBINARS & SEMINARS *by DYNAmore Nordic, Sweden*

*WEBINARS*
**Aug**
20    Ductile failure modeling in LS-DYNA
27    Parameter identification for GISSMO and DIEM damage models

*SEMINARS*
**Aug**
25-27  Introduction to LS-DYNA
**Sep**
01    Material Failure
01    Parameter Identification with LS-OPT
02    Non-Linear Implicit Analysis in LS-DYNA
08    LS-DYNA, Simulation of sheet metal forming process
08-09  LS-OPT - Optimization
10    LS-OPT - Robustness
16    Introduction to ICFD solver
22-24  Introduction to LS-DYNA
29    Contacts in LS-DYNA
29-30  Introduction to ANSA & mETA

## DYNAMORE EXPRESS Online *by DYNAmore GmbH, Germany*

**July**
03    Setting up DOE studies for Occupant Safety within ANSA and META
10    ANSA and META solutions on Interior impact simulation for Occupant protection
17    Tips and tricks for successful implicit analysis with LS-DYNA
24    LS-PrePost: News, Tips and Tricks
31    Beyond FEA - The Element-free Galerkin Method

## LATEST RELEASES

| | | |
|---|---|---|
| LS-DYNA R11.1.0 / R9.3.1 | ANSA 20.1.2 | Femzip 10.68 |
| LS-OPT 6.0 | Diffcrash 6.1.37 | FormingSuite 2020.0 |
| LS-PrePost 4.7 | Digimat 2020 | Moldex3D 2020 R1 |
| | Dynaform 6.0 | Oasys 17.0 |

LS-TaSC 4.1
LSTC-WinSuite R11.1

Best regards/Med vänliga hälsningar
DYNAmore Nordic

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