



Dear Reader,

Despite the fact that the sun sets a few minutes earlier each day and takes us closer to long dark days of winter and that some of us Scandinavians wish we could hibernate until next spring, there is beauty in the autumn season. Nature is transformed into a wonderful palette of bright colors, the air is crisp and the light is magical. Take a moment to enjoy these autumn days. Stay safe and happy reading!



Moldex3D Digital Twin 28-30 September

Moldex3D's Digital Twin is an online conference about realistic manufacturing simulation for the plastic manufacturing and related industries. Speakers from industry leading companies will share their experiences on how accurate injection molding simulation can predict actual machine behavior and problems.

[Register here](#) to learn how Moldex3D solutions can innovate Your process.



Virtual European Crash Meeting October 1-2, 2020

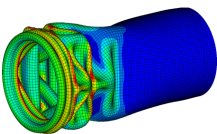
Humanetics and DYNAmore Nordic are excited for the annual European Crash Meeting with industry leaders and experts to discuss the latest insights, news and technical updates on ATD related topics. The conference is virtual and will be held on October 1-2, 2020. Visit the [Conference Website](#) for more information.



Integrated Computational Materials Engineering (ICME) Conference October 6-8, 2020

The ICME event is a 3-day free online conference for everyone already using or curious about Digimat, to learn, explore and share about ICME to enable companies to blur the boundaries between manufacturing, materials and part performance for the optimal design of innovative quality products.

Visit the [Conference Website](#) or the [Agenda](#) for more information.



Reduced cost on *Introduction to LS-DYNA* seminars.

As a [special offer](#) to all customers of DYNAmore Nordic, the price will be reduced by 50% on the two remaining seminars of: *Introduction to LS-DYNA* in 2020.

Take the opportunity to invest in knowledge, no prior experience required!

The reduced price only applies to the following two occasions:

[October 20-22, 2020](#) and [November 17-19, 2020](#).

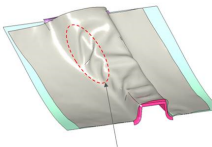
Webinar on the new LS-DYNA R12 October 29



LS-DYNA R12 is a new major release with many new exciting features and improvements. On October 29 we will hold a 2 hour webinar presenting an overview of the new features in LS-DYNA R12 including background information, application examples and future development. Please mark the date in your calendar.

The registration link will be shared in October by email to our LS-DYNA users or you can watch [our website](#) for updates to register.

Forming induced wrinkles



Wrinkles in assembly flange

Prosicomp II - research on composite process simulation

Dynamore Nordic is taking part in the Prosicomp II project which is about simulation of composite compression molding. Our ambition is to gain knowledge of composite process simulation and improve the methods. LS-DYNA is used for both prepreg and SMC material forming. For prepreg, part our contribution concerns how the contacts and friction between the plies can be modeled in order to achieve higher accuracy in the prediction of defects such as wrinkles and the resulting fiber angles. We will work on the mapping of process results such as the already mentioned fiber angles from prepreg simulations and fiber fraction and fiber orientation tensor for SMC simulations to structural simulations. Consequently, the structural simulations for these materials can potentially be improved by involving details about the local material microstructure.

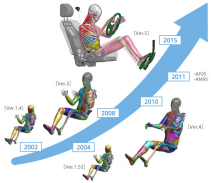
Image: Compression molding simulation with prepreg material in LS-DYNA. Courtesy of Volvo Car Corporation.

The Implicit Toolbar by DYNAmore Nordic



We have 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 download the Implicit Toolbar.

Toyota Offers Free Access to THUMS Software starting January 2021



Toyota [has announced](#) that THUMS software will be available free of charge from 2021. DYNAmore Nordic has been the distributor in the Nordic area but will end their distribution. 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-SQL will still be involved in related solutions like positioning, assessment rating etc. [Read more.](#)

It is worth repeating!



Every seminar by DYNAmore Nordic is rescheduled as online seminars during the pandemic. View the upcoming sessions below or visit our respective websites for the entire schedules and content descriptions.

[>>DYNAmore Nordic seminars](#) [>>DYNAmore GmbH seminars](#)

DYNAmore Nordic - October

SEMINARS

- ANSA CFD meshing, intro course
- Joining Techniques in LS-DYNA
- Introduction to Passive Safety in LS-DYNA
- Introduction to LS-DYNA

WEBINARS

- The new time-domain fatigue analysis solver in LS-DYNA
- Bolt modeling in LS-DYNA - The solid way
- Co-Simulation with LS-DYNA through FMI

DYNAmore GmbH - October

DYNAmore Express

- Overview on Airbag-Modeling Possibilities in LS-DYNA

LS-DYNA Compact

- Damage and Failure Compact (2 Parts)
- Introduction to LS-PrePost (2 Parts)
- Introduction to LS-DYNA (3 Parts)
- Contact Modeling in LS-DYNA (2 Parts)
- Joining Techniques in LS-DYNA (2 Parts)
- Implicit Analysis using LS-DYNA (2 Parts)
- Introduction to Passive Safety (2 Parts)

LATEST RELEASES



LS-DYNA R12.0.0 /
R9.3.1
LS-OPT 6.0
LS-PrePost 4.7
LS-TaSC 4.2
LSTC-WinSuite R11.1

ANSA 20.1.2
Diffcrash 6.1.37
Digimat 2020 FP1
Dynaform 6.0

Femzip 10.68
FormingSuite 2020.0
Moldex3D 2020 R1
Oasys 17.0

Best regards/Med vänliga hälsningar
DYNAmore Nordic

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