



Dear Reader

In less than a week it's Halloween and in only 8 weeks it's Christmas. Time flies! Why not take a quick break to enjoy the beautiful colors of fall and scroll through our newsletter. Maybe you'll find something interesting or useful.

Your Nordic DYNAmore Team



DYNAmore Nordic Breakfast Seminar 2019

Our **customers** and **business partners** are welcome to join us for a morning coffee with interesting presentations by our engineers and recent development in LS-DYNA. Next event will be in Luleå! Please visit [our website](#) for more details and **remember to reserve your seat**.

Passed event
Jönköping, October 16

Passed event
Göteborg, October 18

Upcoming event!
Luleå, November 12
[Register latest Oct. 28](#)



International LS-DYNA Conference *Extended Deadline on Call for Papers*

The 16th International LS-DYNA Conference will be held May 31 to June 2, 2020 for the first time at *Detroit Marriott at the Renaissance Center* in Detroit, USA. The deadline on Call for Papers is extended until November 30, 2019. We look forward to receiving numerous submissions.

[» Submit an abstract](#)

[» Conference website](#)



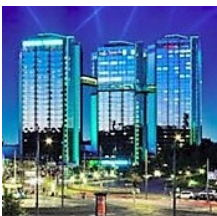
Meet DYNAmore Nordic at the NAFEMS seminar in Billund

DYNAmore Nordic will attend the [NAFEMS seminar in Billund](#), Denmark on November 25-26, 2019. The seminar topic is "CAE in Support of Sustainability and Durability" and DYNAmore Nordic will present the paper "LS-DYNA fatigue analysis based on complete machinery simulation– current and future features" that will show the present status of the fatigue capabilities in LS-DYNA and also highlight some future challenges that we have identified in this area. Authors of this paper are Marcus Lilja and Anders Jonsson.

Exjobb Thesis

Register your Master Thesis at DYNAmore Nordic

This year we would like to offer free courses or webinars, tailor made examples, personal support and publishing of the thesis on any of our channels to our Master Thesis clients. To be eligible for this we encourage you to register your Master Thesis work through this [registration form](#) or visit [our website](#) for more information.



Save the Dates! - Oct 5-6 & Oct 7-9, 2020

Remember to make room in your calendar for the conferences held next fall!

DYNAmore Nordic Users' Conference

October 5-6, 2020 -> Gothenberg, Sweden. More information to come!

The 16th German LS-DYNA Forum

October 7-9, 2020 -> Ulm, Germany. Visit the [conference website](#) for details.



Playing with LS-DYNA

In 2016 the computer magazine c't crashed a scale reduced LEGO® model version of a Porsche GT3 RS in cooperation with ADAC. Consequently, some DYNAmore colleagues have asked themselves whether it is possible to do this virtually with LS-DYNA: Simply quickly mesh all LEGO® bricks, assemble the model on the fly and check the ADAC result in the computer - just because today it is so easy to do it. Read the story behind the LEGO® crash simulation and full scale test on [Playing with LS-DYNA](#). LEGO® is a trademark of the LEGO Group of companies which does not sponsor, authorize or endorse this investigation.



Certification of human models according to EuroNCAPT024

An Information Day focusing on the certification process and the calculation possibilities of LS-DYNA in this process is being arranged in Stuttgart on November 7th. Please visit [DYNAmore GmbH's website](#) to learn more or to register.



LS-DYNA R9.3.1 released – targeted for automotive industry

LS-DYNA R9.3.0 is widely used for crash and safety simulation in the automotive industry. The update R9.3.1 with enhancements and bugfixes targeted for automotive applications is now available for download. A welcome news is that it contains the new CPM particle airbag solver which before only was available in R10 and later. The new CPM solver is much faster. [Complete release notes](#).



LS-OPT 6 is now released!

LS-OPT is a popular and easy to use optimization, exploration and robustness analysis software. LS-OPT is included free to use with LS-DYNA. Now LS-OPT 6.0 has been released and is available for download. LS-OPT 6.0 has several new capabilities and improved performance when handling large scale problems. Big news is the capability to do material identification from Digital Image Correlation measurements (DIC). LS-OPT can now directly read data from DIC-systems such as gom/ARAMIS. For information on other new capabilities read the [Release Notes](#)



November

19-21

[Introduction to LS-DYNA](#)

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[Impact and Drop Tests in LS-DYNA](#)

26-27

[Digimat Material Model for Fiber Reinforced Plasti](#)

December

03-05

[Material Modeling and User Defined Materials in LS-DYNA](#)



November

19

[Rigid bodies in LS-DYNA](#)

December

04

[Ductile Failure in LS-DYNA](#)

10

[How to use damping in explicit LS-DYNA](#)



LS-DYNA R11.1.0 / R9.3.1

Diffcrash 6.1.37

LS-OPT 6.0

Digimat 2019.0

LS-PrePost 4.6

Dynaform 5.9.4

LS-TaSC 4.0

Femzip 10.68

LSTC-WinSuite R11.1

FormingSuite 2019.1

ANSA 20.0.1

Oasys 16.1

Best regards/Med vänliga hälsningar

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