



Dear Elizabeth Mäki Björklund

*If the winter darkness seems overwhelming, why not enjoy a break with this newsletter and a cup of smoking hot beverage. Maybe you will find something that brightens your day.*

Your Nordic DYNAmore Team



### Thank you!

Our Breakfast Seminar Tour 2019 became a success thanks to all users and customers who took the time to join us. The presentations on 'News in LS-DYNA' as well as the application-oriented presentations from DYNAmore in Germany will soon be made available on our customer share point: [Pydio](#). Any feedback from participants, on the Breakfast seminar concept, is highly appreciated. Thank you for joining us in Jönköping, Gothenburg and Luleå!



### 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.



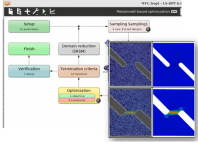
### Polhem Prize

We are very happy that Peter Halldin, Hans von Holst and Svein Kleiven researcher and founder of the company MIPS receive this year's Polhem Award for their innovative helmet technology: MIPS which imitate the brain's own protection system and reduces the risk of brain damage. Peter and Svein used LS-DYNA in the research and during the development of the MIPS protection system. Read the [full article](#).



### Office hours during Christmas and New Year 2019/20

Please note that during the holiday season: *December 24 - January 6* the staffing at DYNAmore Nordic will be reduced. The office will be closed on the public holidays: *December 24-26, December 31-January 1 and January 6*. Throughout the holiday season we kindly ask you to send any support request to: [support@dynamore.se](mailto:support@dynamore.se). Please accept a longer response time over the holidays.



## LS-OPT 6 – Full field material parameter identification for everyone

Digital image correlation (DIC) equipment has reduced in price which now is more and more commonplace. By adding DIC to a tensile test machine, or other test equipment, it allows static and dynamic displacements and strains to be recorded. The DIC provides a wealth of material data. In LS-OPT 6 everyone can now use the DIC data to do more versatile and accurate material parameter identification for hardening, stiffness, failure and more. To learn more on how to use DIC in LS-OPT 6 watch [the webinar](#) by Dr. Aspenberg at DYNAmore Nordic.



## 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](#)

## New DYNAmore Company Brochure Available Online



The new DYNAmore company brochure is now available in English on our [website](#). Read about our 150 strong team servicing our 800 customers around the world, new services in material testing and more, and products ranging from LS-DYNA and Envio and high performance computer systems.



## Save the Dates!

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

- **DYNAmore Nordic Users' Conference - 2020 Oct 5-6**  
Gothenberg, Sweden >> [More information to come!](#)
- **The 16th German LS-DYNA Forum - 2020 Oct 7-9**  
Ulm, Germany >> Visit the [conference website](#) for details.

## SEMinars

- December**  
03-05 [Material Modeling and User Defined Materials in LS-DYNA](#)
- January**  
21 [Parameter Identification with LS-OPT](#)  
21-23 [Introduction to LS-DYNA](#)  
28 [ANSA CFD meshing, intro course](#)  
28-30 [LS-DYNA, Simulation of sheet metal forming processes](#)

## WEBinars

- November**  
19 [Rigid bodies in LS-DYNA](#)
- December**  
04 [Ductile Failure in LS-DYNA](#)  
10 [How to use damping in explicit LS-DYNA](#)
- January**  
28 [How to evaluate load balance on large scale simulations on clusters](#)

## LATEST RELEASES

LS-DYNA R11.1.0 / R9.3.1	Diffcrash 6.1.37
LS-OPT 6.0	Digmat 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  
DYNAmore Nordic

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