



Dear Reader,

During this season, we take time to reflect upon the good things we have... like how we appreciate working with you. The team at DYNAmore Nordic thank you for the trustful cooperation throughout the year and hope that the holidays and the coming year will bring you happiness and success.

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### Client Area for customers of DYNAmore Nordic



There is a new area in the File Sharing Area of DYNAmore Nordic (i.e. Pydio) called: *Client Area*. The basic idea of this area is to help customers find examples, benchmarks, tutorials, webinars given by DYNAmore Nordic, guidelines and more for software distributed by DYNAmore Nordic. One can access this area using existing user accounts or by requesting a link/password from [support@dynamore.se](mailto:support@dynamore.se).

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### Updated Guideline for Implicit Analyses using LS-DYNA



Our Guideline for Implicit Analyses using LS-DYNA, including suggested control card settings, recommended element types, contact definitions and also some small examples of different analysis types has been updated and extended. The new revision, including for example rotational dynamics and other minor corrections and additions is available in the new Client Area.

- Have a user account?  
After [login](#), open folder: *Client Area/Client\_Area/1\_LS-DYNA\_Guidelines*
- Don't have a user account? Please follow the link to the [Client Area](#).  
Contact: [support@dynamore.se](mailto:support@dynamore.se) for log-in details.



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### New License Agreement

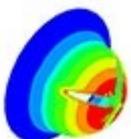
Beginning in January 2020, ANSYS Inc. will be responsible to fulfill all obligations for the LSTC Software products. Therefore an ANSYS license agreement will be extended to you for signature at the time of your next renewal. Responsible personnel will soon receive more information.



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### The Dzhanibekov Effect visualized in LS-DYNA

After watching [this video](#) about *The Dzhanibekov Effect* or *Tennis Racket Theorem* our colleague Jesper Karlsson was inspired to try it out in LS-DYNA. Follow [this link](#) to watch Jesper's result.



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### Material Competence Center: open house on 30 January

The LS-DYNA Material Competence Center of DYNAmore invites you to a presentation of its range of services in the new premises in Leinfelden-Echterdingen near Stuttgart, Germany. On January 30, 2020, starting at 5 p.m., all customers, partners and interested parties are cordially invited to take a closer look at the possibilities of material characterization. Of course, food and drink are provided. For better planning please register [>> here](#).

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

Please note that during the holiday season: *December 24 - January 6* the staffing at DYNAmoe 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.

## 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.

### SEMinars

#### 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](#)

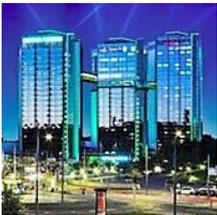
#### February

- 04-05 [Contacts in LS-DYNA \(2 days\)](#)
- 10-11 [Introduction to ANSA & mETA](#)
- 25-26 [Digimat Material Model for Fiber Reinforced Plasti](#)
- 25-27 [Introduction to LS-DYNA](#)

### WEBinars

#### January

- 21 [A New Tool in LS-PrePost for Buzz, Squeak and Rattle Analyses](#)
- 28 [How to evaluate load balance on large scale simulations on clusters](#)



### 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.

### LATEST RELEASES

LS-DYNA R11.1.0 / R9.3.1	Diffcrash 6.1.37
LS-OPT 6.0	Digmat 2019.0
LS-PrePost 4.7	Dynaform 5.9.4
LS-TaSC 4.0	Femzip 10.68
LSTC-WinSuite R11.1	FormingSuite 2020.0
ANSA 20.0.2	Oasys 16.1

Best regards/Med vänliga hälsningar  
DYNAmore Nordic

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