

Dear Reader,

This last newsletter of 2018 contains information on product release, updated guideline, opening hours during holiday seasons, upcoming seminars and a lot more.

The Crash Analysis seminar in March is filling up quickly. If you plan to attend make sure to secure your seat by registering via the link at the end of this letter.

With best regards,  
Your DYNAMore Team



### Office hours in December

2018 is coming to its end and we would like to thank all of our customers for the trustful cooperation throughout the year. We wish you all happy holidays and a healthy and prosperous 2019!

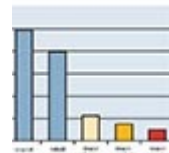
Please note that our office will be closed Dec. 24 - 30 and our Support reduced Dec. 31 - Jan. 7. If you need our support during this period please send an e-mail to [support@dynamore.se](mailto:support@dynamore.se) as usual and accept a longer response time than during regular work days. Thank you for your understanding!

### Updated Guidelines for Implicit Analyses

To help you get started with implicit simulations using LS-DYNA, we have compiled a Guideline for implicit analyses, including suggested control card settings, recommended element types, contact definitions and also some small examples of different analysis types. Now an updated and extended revision, including for example thermal analyses, 2D analyses and implicit/explicit switching is available at [www.dynasupport.com](http://www.dynasupport.com).

### FEMZIP - compression level improvement

FEMZIP offers compression level 4 (option "-L 4") which adds another significant improvement of compression rate over default compression. In typical crash application plotfiles another 30%-40% may be achieved. Level 4 is stable since FEMZIP version 8.68 and is supported in recent versions by popular postprocessors (eg LS-PrePost, Animator4, Meta, Hyperview). Please give it a try for your own applications.



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## New Releases!

### ANSA/EPILYSIS/META suite v18.1.4

BETA CAE Systems announces the release of the new ANSA/EPILYSIS/META suite v18.1.4. This version is addressed to those who have not yet migrated to the v19.x. With this release, the v18.1x branch receives further enhancements and corrections on identified issues. Please read the [release announcement](#) on BETA-CAE's website to learn more about the most important enhancements and fixes implemented.

### LS-DYNA R11.0.0

LSTC announces that a new version of LS-DYNA is released for all common platforms. Please visit [www.dynasupport.com](http://www.dynasupport.com) to read the release notes summarizing new features and enhancements. Some bug fixes are also described, some of which may also be included in R10.1 releases.

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## German LS-DYNA Forum - presentations online

With more than 350 participants, 9 workshops, 113 presentations, 29 exhibitors and high-class keynote speakers, the 15th German LS-DYNA Forum was an all-round successful event. DYNAmore would like to thank all people involved! The presentations of the conference are now available on [DYNAmore GmbH's website](#).



### European LS-DYNA Conference, May 14-16, 2019

Our German colleagues kindly invite you to the *European LS-DYNA Conference* in Koblenz, Germany. Join the conference and take part of presentations from LS-DYNA developers, industry users and academia to learn more about the software and its applications.

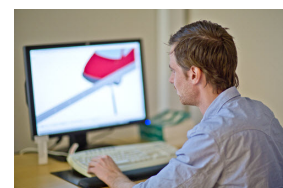
All users of LS-DYNA, LS-OPT, LS-PrePost and LS-TaSC are kindly invited to take advantage of the fantastic opportunity to showcase their work. The Conference is a chance to talk with industry experts, catch up with colleagues and enjoy time exploring new ideas. Make sure to be part of the conference by submitting your abstract latest February 18th, 2019.

Please visit the [official website](#) for more details.

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## Upcoming Seminars

Why not start the new year with a seminar either to learn something new or to refresh current knowledge. Below seminars are scheduled in January and open for registration. We hope to see you there!



### Introduction to LS-DYNA

*January 15-17, 2019*

The introductory seminar gives a quick, comprehensive introduction to the application of LS-DYNA and is recommended for simulation engineers who want to use LS-DYNA as an FE code to simulate general nonlinear problems. Prior knowledge is not required.

>> [Read more and/or register](#)

## ANSA CFD meshing, intro course

January 22, 2019

ANSA is the leading multidisciplinary pre-processor for FE and CFD applications, with extremely powerful geometry handling and meshing capabilities. This course will give an introduction to CFD meshing, through demonstration and exercises. Prior knowledge: The course is suited for users with basic experience of the program, mainly the geometry handling.

>> [Read more and/or register](#)

## Parameter Identification with LS-OPT

January 23, 2019

The use of new materials, such as plastics, composites, foams, fabrics or high-tensile steels, demands the application of highly complex material models. These material formulations are generally associated with numerous material parameters. The optimization program LS-OPT is ideally suited for identifying these parameters. In the identification process, an automatic comparison is carried out between the experimental results and the simulation results of LS-DYNA. Thereafter, the error between experiments and simulations is minimized.

>> [Read more and/or register](#)

## LS-DYNA, Simulation of sheet metal forming processes

January 29-31, 2019

This 3-day course is intended for people who want to use LS-DYNA for metal forming simulations. The course will cover how different aspects of metal forming processes are modeled in LS-DYNA and how to do this as accurate and efficiently as possible. The attendee will acquire deep knowledge in settings and techniques in several parts of LS-DYNA which will be beneficial for his/her daily work and future applications.

>> [Read more and/or register](#)

## Crash Analysis

March 5-8, 2019

As participants of this course we expect new fellow employees from the department of crash simulation of a car manufacturer, new fellow employees of suppliers in automobile industry (suppliers of components, engineering companies) or users in related industrial sectors.



Each crashworthiness simulation is a compromise between profitability and accuracy. At the moment there is no kind of a guideline for modeling and calculating crash. Therefore the user has to be aware of advantages and disadvantages of different kinds of modeling procedures depending on the purpose of the simulation. To be guaranteed a spot you should register as soon as possible.

>> [Read more and/or register](#)

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### Latest releases

LS-DYNA R11.0.0

LS-OPT 5.2.1

ANSA 19.0.1

Oasys 15.1

LS-DYNA R7.1.3

LS-PrePost 4.6

Digimat 2018.1

Femzip 9.5.3

LSTC-WinSuite R11

LS-TaSC 3.2

DYNAFORM 5.9.4

FormingSuite 2018.1.0

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Best regards/Med vänliga hälsningar  
DYNAmore Nordic

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