

Dear Newsletter Reader

We are pleased to share our latest news and recent information about LS-DYNA and our services at [DYNAmore Nordic](https://www.dynamore.se).

Our News



Powered Two-Wheeler Dummy (PTW)

Humanetics has in cooperation with Autoliv developed an FE dummy model for evaluating Powered Two Wheeler restraint systems. The dummy is based on the Hybrid III 50th Percentile Male Pedestrian ATD with specially designed modifications to achieve postures and performance suitable for PTW applications. For more information see,

<https://humanetics.humaneticsgroup.com/products/virtual-models/specialty-virtual-models/powerd-two-wheeler-dummy-phv>



Training Courses

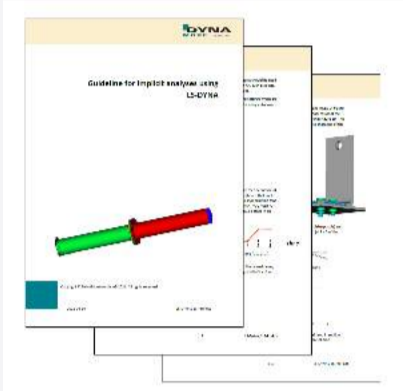
We are enjoying meeting so many of you in person again during our training courses. We still have 2 seats left for [Material Failure](#) in Gothenburg May 9-10. Seats are also available for [Material Models in LS-DYNA](#) and [User Defined Materials in LS-DYNA](#), the latter now also available as an Online training.

If you have a need for a specific type of training, please don't hesitate to talk to us and we will do our best to accommodate you. Our scheduled training sessions start anew late August and an update will be available on our website soon.



Information Day on Battery Simulation and Development

Ansys and DYNAmore GmbH invites customers to their first Information Day on Battery Simulation and Development. The event takes place at hotel Pullman in Stuttgart. Participation is free of charge, but a participation registration is necessary to do. You find further information [here](#) and [register for participation here](#).



Updated Guidelines for Implicit Analysis

To help you with implicit simulations using LS-DYNA, DYNAmore Nordic provides the Guideline for Implicit Analysis using LS-DYNA, including suggested baseline control card settings, recommended element types, contact definitions and also some small examples of different analysis types. An updated version (2022-04-20) is now available from the Client Area (files.dynamore.se)

Contact support@dynamore.se for log-in details.

Some of the news in this version are:

- * Added section on strain rate effects in implicit analysis
- * Added section on multistage analysis using *CASE and dynain.lsd4
- * General corrections and updates



Oasys Suite 19.0 released

Oasys has all the tools required for you to build your models quickly and efficiently. From creating connection data and fitting seatbelts, to automatically post-processing your many analyses, Oasys helps you visualise your results quicker.

Key highlights:

- Many new additions and updates to automotive tools across PRE and POST processing, including pedestrian, occupant, and full crash models
- New interactive ways of modifying the user interface to meet your needs and speed up how you work
- Comprehensive support for new LS-DYNA data across the workflow

For more information please follow the link: <https://www.oasys-software.com/dyna/news/oasys-suite-latest-release/>



New LS-DYNA minor version - R13.1.0

LS-DYNA R13.1.0 is now available for download for all common platforms including Linux and Windows. Download the new R13.1.0 from your account at files.dynamore.se. Version R13.1.0 contains many enhancements and bug fixes and selected new features.

For more information see the release notes: <https://www.dynasupport.com/news/ls-dyna-r13-1-0-released>.

New features include that the ICFD fluid solver fully supports species transport capabilities and a material model for composites that supports probabilistic modelling (*MAT_COMPOSITE_TABULATED_PLASTICITY_DAMAGE). Significant new features are generally reserved for major versions, the next major version will be R14.0.0, which may appear later this year.

MPE Moldex3D Plastics E-Learning

Moldex3D Plastics E-learning, MPE, launched

Moldex3D has released its Plastics E-Learning platform, MPE, a cloud-based interactive learning platform for plastics molding. MPE provides an on-demand resource for engineers and professionals in the plastic field, created by Moldex3D and industry experts to simplify and democratize the learning process. Everything from video lectures on the theory of plastic materials and the injection molding process to machine operation with interactive virtual 3D injection molding machines.

MPE makes it possible for beginners and new employees to quickly get an understanding of the whole polymer molding process and for CAE engineers to get a deeper understanding of the physical application.

MPE is available as a standalone installable as well as a web-based platform. You can access the online version and try it out for free at www.moldex3duniversity.com, and read more at www.moldex3d.com/products/moldex3d-plastics-e-learning/



Webinar: Using LS-DYNA in the Cloud

The Cloud is used more and more, including for high-performance computing. Do you wonder how to take advantage of the Cloud for running LS-DYNA - to save on cost or increase capacity? Then this webinar is for you. The webinar goes through why LS-DYNA and the Cloud can be a great combination. We also talk about cost and cost savings, how to get started, cloud providers with LS-DYNA ready to use, licensing, and technical functionality.

The webinar is for product managers, project leaders, CAE and IT professionals who want to learn about the value of running LS-DYNA in the Cloud and how to get started. Welcome!



Crash Analysis Seminar

Last but not least; if you would like to attend [Crash Analysis Seminar](#) make sure to register no later than May 10!

Seminars & Webinars

View the upcoming events below or visit our respective websites for the complete schedule with content descriptions.

DYNAmore Nordic
Seminars

DYNAmore GmbH
Seminars

Most webinars are available in our Client Area at files.dynamore.se

Latest Releases

LS-DYNA R13.1.0
LS-DYNA R9.3.1
LS-OPT 7.0.1
LS-PrePost 4.9
LS-TaSC 2022R1
LSTC-WinSuite R12.1

ANSA 22.1.2
Diffcrash 6.1.37
Digimat 2021.4
Dynaform 6.1.3

Femzip 11.98
FormingSuite 2021.0.3
Moldex3D 2021 R4
Oasys Suite 18.1

Best regards / Vänliga hälsningar DYNAmore Nordic



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Find previous news and newsletters.



Seminars & Training

View scheduled seminars and webinars.



Meet DYNAmore

Meet DYNAmore at fairs, events and trade shows.



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