Dear Reader
We are happy to send you this newsletter containing posts on the breakfast seminar, the new tire and barrier models, LS-Opt 6, ANSA 20, upcoming seminars and more. Please scroll down to read the articles.

All the best!
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. The Breakfast Seminar will visit Jönköping, Göteborg and Luleå. Please visit our website for more details and registration.
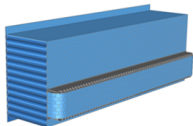**Remember to reserve your seat** because of the limited number of seats.

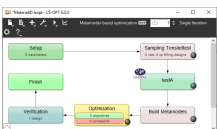## LSTC-FCA Tire Model for all LSTC Customers

LSTC and DYNAmore are pleased to announce the immediate availability of Tire models jointly developed with FCA for all customers. The models have been validated through several different component and system tests and are available in several different tire sizes. The tire models are available for download through your Pydio account. Want to learn more about the model?
Please Register to the Webex (August 28 at 15:00) with Suri Bala from LSTC.

New Barrier Model Released

Arup, in collaboration with Cellbond, has developed an LS-DYNA shell model of the NHTSA Side and Rear Impact Barrier. The model is an upgrade of the already available solid model, not only showing good force-displacement correlations compared with test results, but also offering more realistic barrier deformation behaviour. This was achieved through extensive material calibration and component/full barrier validation (facilitated by a comprehensive testing campaign).

LS-OPT 6 is now available

A new major version 6.0 of LS-OPT has been released. LS-OPT is included with LS-DYNA and does design optimization, material parameter identification, robustness analysis and much more. Selected new features include:

- Classifier-based constraint definitions
- Even better curve fitting for material parameter identification and more using the new curve similarity measures Discrete Frechet and Dynamic Time Warping
- Parameter identification using Digital Image Correlation (DIC). ARAMIS(Xml) output data is among the supported formats.
- Taguchi method for robust design.

Also note the new updated training material with training examples. The training material and complete release notes on LS-OPT 6.0 are available on your Pydio account in folder: *Products/Software/LSTC/LS-OPT*

ANSA 20.0.0

BETA CAE Systems announces the release of the new ANSA/EPILYSIS/META suite v20.0.0. There are many new tools and improvements to look forward to in this release.
Please follow this link to BETA's website for highlight videos and more details.

International LS-DYNA Conference: Call for papers

May 31 to June 2, 2020
The 16th International LS-DYNA Conference will be held for the first time at the Detroit Marriott at the Renaissance Center in Detroit, USA. The Call for Papers is already running.
We look forward to receiving numerous submissions until October 30, 2019.
» Submit an abstract
» Conference website

Digimat Users` Conference 2019

October 1-3 in Bordeaux, France
This year's agenda will host the best-in-class presenters from the industries, among all automotive, aerospace, additive manufacturing, as well as material suppliers from around world. DYNAmore Nordics' Dr Mats Landervik will present a paper using Digimat and LS-DYNA for modeling of Microcellular short fibre reinforced plastics for pedestrian safety. Check out the agenda and/or register!

HUMANETICS Crash Meeting

September 26-27
Humanetics is excited to host another year of the annual European Crash Meeting with industry leaders and experts to discuss the latest insights, news and technical updates on ATD related topics. Check out the agenda and/or register!

SEMINARS

August
26 — Polymers/Elastomers *Filled!*
27 - 29 — Introduction to LS-DYNA *Few seats left!*

September
4 - 5 — Non-Linear Implicit Analysis in LS-DYNA *Few seats left!*
17 - 19 — LS-OPT - Optimization & Robustness *Few seats left!*
17 - 18 — LS-OPT - Optimization
18 — Introduction to ICFD solver
19 — LS-OPT - Robustness
24 - 26 — Introduction to LS-DYNA *Few seats left!*

October
1 — Contacts in LS-DYNA
2 — ANSA CFD meshing, intro course
9 - 10 — Introduction to ANSA & mETA
15 - 16 — Introduction to Passive Safety in LS-DYNA
17 — Element Types & Nonlinear Aspects *Few seats left!*
22 - 23 — Joining Techniques in LS-DYNA
22 - 24 — Introduction to LS-DYNA

LATEST RELEASES!

LS-DYNA R11.0.0 / R9.3.0	Diffcrash 6.1.37
LS-OPT 6.0	Digimat 2018.1
LS-PrePost 4.6	Dynaform 5.9.4
LS-TaSC 4.0	Femzip 9.5.3
LSTC-WinSuite R11	FormingSuite 2019.1
ANSA 20.0	Oasys 16.0

Best regards/Med vänliga hälsningar

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