DYNAmore Nordic Newsletter

Dear Elizabeth Mäki Björklund

Issue 36 - June 26, 2018

Report from the 15th International LS-DYNA Conference & Users Meeting

Many colleagues from Dynamore together with about 956 other registered attendees met up at the Edward Hotel & Convention Center for the 15th LS-DYNA International Conference. The conference was held June 10-12 with subsequent courses and seminars on LS-DYNA the following days. The Edward Convention center is located in Dearborn in viewing distance from the Ford World Headquarters and not far from GM and Chrysler. Thus, it was not surprising to find hundreds of engineers from Ford, GM and Chrysler present.

During the days over 200 papers and plenary talks were given. Many presentations where on new and upcoming technology in LS-DYNA directly from LSTC developers. As a CAE-engineer it is pure gold to get an early peek of what is coming. For instance, LSTC engineers are now developing a massive parallel implicit direct solver and they demonstrated new groundbreaking results from LS-DYNA running non-linear implicit simulation models with 66 million element scaling to many thousands of cores.

Foto: Dr. John Hallquist, CEO and founder of LSTC, during a plenary session.

Due to the huge amount of presentations, a review is impossible as the topics covered range from automotive to medical and aerospace. Fortunately, the conference proceedings contain a lot of the information from the presentations and they will in due time be published at www.dynalook.com. Check

it out!

As usual we met and talked with many fellow CAE-engineers about technology as well as many other things. Finally, the nice weather and ongoing National exhibit on early Ford V8 cars outside the Convention center presented an opportunity for perfect activities in the breaks between the presentations.

Nordic LS-DYNA User's Conference 2018

The conference will take place the 18-19th of October 2018 in Gothenburg.
The venue for the event is Svenska Mässan/Gothia Towers, for more info please visit the conference homepage

Registration to the event is already available here

German LS-DYNA Forum 2018 – Call for Papers online

The 15th German LS-DYNA Forum will take place from 15 to 17 October 2018 in Bamberg.

The Call for Papers is extended to June 29 and all relevant information can be viewed online in PDF format. We are looking forward to receiving numerous submissions.

Please visit the official website for more information.

Office Unmanned - Reduced Service

July 16-29
Our office will be closed and unmanned July 16-29.
If you should be in need of our support during this period please send an e-mail to support@dynamore.se. Please accept a longer response time than usual.

July 30 to August 5
There will be reduced availability on support@dynamore.se during July 30 to August 5.
All issues will be logged in accordance with our support policy, but the response time will be longer than usual.

Please accept our apology for the inconvenience.

Selection of seminars

Introduction to LS-DYNA (Aug 28)
>> Read more and/or register

Parameter Identification with LS-OPT (Aug 28)
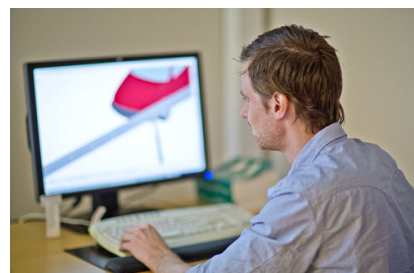>> Read more and/or register

Material Failure (Sep 4)
>> Read more and/or register

Introduction to LS-DYNA non-linear implicit analysis (Sep 5)
>> Read more and/or register

LS-DYNA, Simulation of sheet metal forming processes (Sep 11)
>> Read more and/or register

Advanced Implicit Analysis in LS-DYNA (Sep 11)
>> Read more and/or register

LS-OPT - Optimization & Robustness (Sep 18)
>> Read more and/or register

LS-OPT - Optimization (Sep 18)
>> Read more and/or register

LS-OPT - Robustness (Sep 20)
>> Read more and/or register

Introduction to LS-DYNA Sep 25)
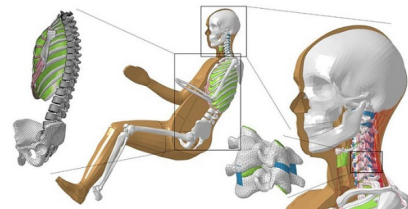>> Read more and/or register

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Virtual

DYNAmore Nordic AB is part of the EU-funded project 'Virtual: Open Access Virtual Testing Protocols for Enhanced Road User Safety' that started in June 2018. In the project 'Virtual' test protocols for simulation-based rating/certification will be developed for selected cases.
Furthermore, the project will develop Human Body Models for a variety of road-users (gender/size/age). The project has already received some attention in media, see links below.

- VTI - Svenska organisationer deltar i och leder st
- NyTeknik - Nu ska krocktester inte längre gälla en
- MotorMagasinet - Folksam bidrar till virtuella kvi

Virtual crash model developed in Vinnova-funded project VIVA.

Latest relese

LS-DYNA R10.1.0	**LS-OPT 5.2.1**	**ANSA 18.1.1**	**Oasys 14.1**
LS-DYNA R7.1.3	**LS-PrePost 4.5**	**Digimat 2018.0**	**Femzip 8.68**
	LS-TasC 3.2	**DYNAFORM 5.9.4**	**FormingSuite 2018.0**

Best regards/Med vänliga hälsningar
DYNAmore Nordic

T: +46 - (0)13 236680
E: info@dynamore.se
www.dynamore.se

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