Registration Form

I herewith register for the free of charge information day:
„ENVYO and Composite-Analysis"
12th March 2018, Stuttgart, Germany.

Sender

First name: _____

Last name: _____

Company/University: _____

Dept.: _____

Street: _____

Zip-code, city: _____

Tel.: _____

Fax: _____

E-Mail: _____

Date, Signature: _____

Please complete and fax to +49(0)711-459600-29, send to DYNAmore GmbH, Industriestr. 2, D-70565 Stuttgart, Germany, or e-mail to seminar@dynamore.de.

Online registration at www.dynamore.de/info-envyo

Declaration of consent to the use of personal data:

With your registration you allow us the use and the processing of your data for the seminar organization and promotional purposes. You may, at any time, revoke your consent by contacting DYNAmore GmbH via phone or in writing.

DYNAmore GmbH

DYNAmore is dedicated to support engineers in solving nonlinear mechanical as well as multiphysical problems numerically. Our product portfolio includes the finite element solver LS-DYNA, the pre- and postprocessor LS-PrePost and the optimization software LS-OPT as well as numerous finite element models needed for crash worthiness simulation (dummies, barriers, pedestrian and human models, etc.).

Our main field of activity is to sell, teach, support, and co-develop the software LS-DYNA and LS-OPT. In addition, we provide engineering services for numerical analysis and integrate simulation software in your CAE environment.

Our advanced training offer includes classical seminars, workshops, webinars, support and information days as well as LS-DYNA user conferences. More detailed information can also be found on our support and tutorial web sites: www.dynasupport.com and www.dynaexamples.com

We are one of the first addresses for pilot studies and development projects with respect to the simulation of nonlinear dynamic problems. We are always at your disposal to answer your questions on specific applications as well as test licenses.

You will find DYNAmore in Stuttgart, Dresden, Ingolstadt, Berlin, Wolfsburg, Langlingen, Zürich (CH), Linköping (S), Göteborg (S), Turin (I), Versailles (F) und Dublin, Ohio (USA).

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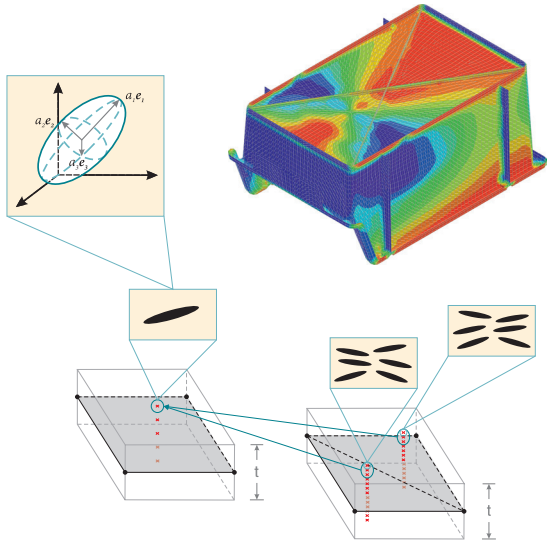
Sheet metal forming and composite materials

Free of charge!

Information day:
ENVYO and Composite-Analysis

12th March, Stuttgart



With presentations from BMW, DLR, EDAG, JSOL, Opel Automobile, Politecnico di Torino and DYNAmore.

ENVYO and Composite-Analysis

The information day ENVYO and Composite-Analysis provides experience with the newly developed software tool ENVYO from various application areas and gives an overview of the state of the art in simulation technology in the area of composite materials with LS-DYNA.

ENVYO

The software tool ENVYO was developed from the effort to make simulation and test data accessible for questions in the context of simulation. ENVYO creates interfaces between different software tools for process simulation and structure analysis with LS-DYNA for further processing and homogenization of simulation data.

During the information day, experts from industry and research will report on their experiences with ENVYO in various application areas. In addition, the lectures will present ENVYO's latest achievements and discuss individual questions in direct contact with the developer.

Composite-Analysis

The use of composite materials has steadily increased in recent years due to the growing importance of lightweight construction. If these materials are also used for crash-relevant components in the future, the demands on simulation tools will increase enormously. As a result of this development, numerous enhancements have been implemented in LS-DYNA.

The information day will present the current state of the art of simulation techniques in the field of composite, gives an overview of the possibilities of the simulation of composite materials in LS-DYNA and presents current developments.

We look forward to your participation.

Your DYNAmore GmbH

Preliminary Agenda

10:00 Welcome

10:10 Recent Developments in ENVYO
C. Liebold (DYNAmore)

10:30 Investigation of Energy Absorption in Textile Composites with the Mapping Tool ENVYO
M. Vinot (DLR)

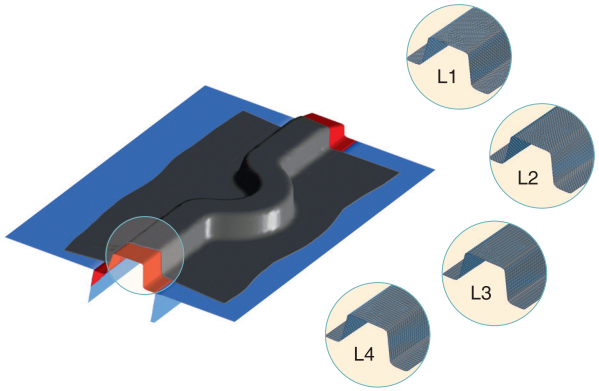
11:00 Structural Analysis of Thermoplastic Composite Components Integrating Mapping Process with ENVYO
N. Jayasree (Politecnico di Torino)

11:30 Enhanced Experimental Characterization of a Short Fiber Reinforced Thermoplastic Polymer
M. Helbig (DYNAmore)

12:00 Lunch break

13:00 Laboratory guided tour with presentation of the Pendulum impetus from 4aa
Employees of DYNAmore and 4a engineering GmbH

13:30 Recent Enhancements in LS-DYNA for Composite Modeling
C. Liebold (DYNAmore)



13:45 Composites Manufacturing Process Modeling with Introduction to J-Composites
M. Nishi (JSOL Corporation)

14:30 Carbonfiber Reinforced Sheet Molding Compounds – Simulation and Reality
J. Lausch (EDAG Engineering GmbH and Technische Hochschule Ingolstadt)

15:00 Coffee break

15:30 Application of Process Simulation in Automotive Product Development: Forming Simulation for Fiber Reinforced Plastics
J. Cichosz (BMW AG)

16:00 Simulation and CT Technology in Textile LightWeight Design
H. Finckh (DITF Denkendorf)

16:30 Crash Simulation of Short Glass Fiber Reinforced Plastics Polypropylene with Analysis of the Failure Probability
N. Sygusch (Opel Automobile GmbH)

17:00 Discussion

17:15 End

Facts

When: 12th March 2018, 10:00-17:15
Where: DYNAmore headquarters or Hotel Pullmann Stuttgart Fontana (location will be communicated in time)
Charge: Free of charge
Languages: German and English

Arrival

The DYNAmore headquarters and the hotel are both located directly at the S-Bahn station Stuttgart-Vaihingen and can be reached with the lines S1, S2 and S3 from the main station.

Registration

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