DYNAmore GmbH
Gesellschaft für FEM Ingenieurdienstleistungen

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 post-processor 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, ...). 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 websites: 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 application as well as test licenses.

You will find DYNAmore in Stuttgart, Dresden, Ingolstadt, Berlin, Langlingen, Zurich (CH), Linköping (S), Gothenburg (S) and Turin (I).

Organization

Date
16 March 2015, 13:00 - 17:00

Fees
Free of charge

Language
English

Location
DYNAmore GmbH
Industriestr. 2, D-70565 Stuttgart, Germany
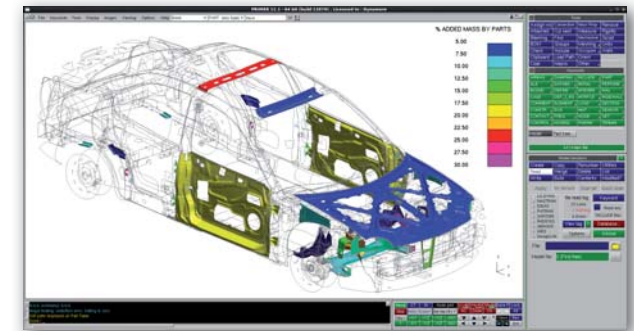Tel. +49 (0)711 - 459600 - 0

Registration
Please use the registration form or register online at:
www.dynamore.de/info-primer-e.

Invitation to the information day

PRIMER as Preprocessor for LS-DYNA

16 March in Stuttgart, Germany

In collaboration with ARUP

DYNAmore GmbH
Industriestr. 2
D-70565 Stuttgart
Germany

PRIMER as Preprocessor for LS-DYNA

The PRIMER preprocessor provided by our partner Arup is a high-performance solution to process and control LS-DYNA models. In addition to the range of features usually offered by a preprocessor, PRIMER can be used to adjust very specific LS-DYNA settings, such as all available contact options, special joints or highly complex material models.
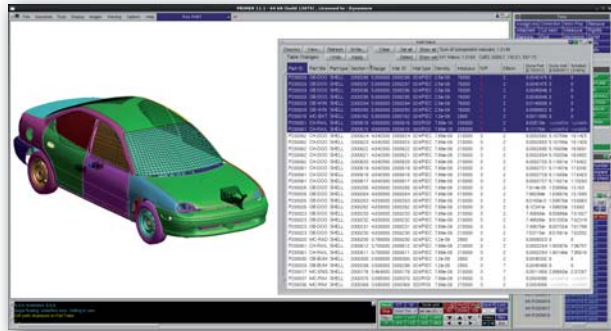
PRIMER has been specially and exclusively designed for LS-DYNA as an FE solver. In many cases, PRIMER is also applied to check LS-DYNA models for errors or to remove redundant entries that may cause problems. In addition, the program offers a range of special properties to model occupant safety simulations, such as dummy positioning, seat adjustment, seatbelt fitting, or airbag folding.

This information day will provide attendees with an overview of the capabilities and limitations of the preprocessor PRIMER. This will be done with the aid of selected examples as well as live demonstrations.

DYNAmore GmbH

in collaboration with

Agenda

13:00	Registration
13:10	Introduction and overview
13:30	Examples from practical experience Part I:
	- General usage of PRIMER – model handling
	- Model checking: error check, contact penetration check, etc.
14:30	Break
14:45	Examples from practical experience Part II:
	- Seat positioning
	- Dummy positioning
	- Seat belt tightening
	- Pedestrians
16:00	Break
16:15	Examples from practical experience Part III:
	- Connections: spotwelds, bolts, adhesive etc.
	- Automation: scripts, macros, etc.
16:45	Questions/Discussion
17:00	End

Lecturer

Richard Sturt, Arup
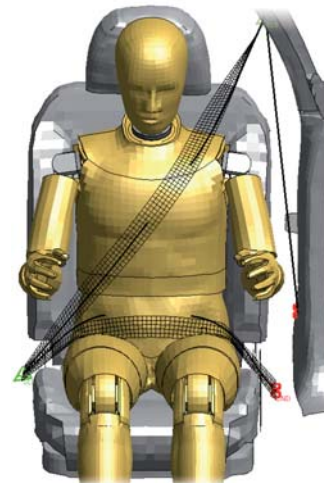
Registration

I herewith register for the information day (free of charge):
PRIMER as Preprocessor for LS-DYNA,
16 March 2015, Stuttgart, Germany.

Sender

First name: _____

Last name: _____

Company/University: _____

Dept.: _____

Street: _____

Zip-code, city: _____

Phone: _____

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-primer-e