

PLEASE COMPLETE AND FAX TO FAX-NO. +49 (0)711 - 45 96 00 - 29

Address for window envelope

DYNAmore GmbH
Industriestr. 2

D-70565 Stuttgart

I hereby register for the following event:

Introduction

- Introduction LS-DYNA
Optional: only 1st and 2nd day (basics)
 only 3rd day (further topics)
- Introduction LS-PrePost
 Introduction Nonlinear Implicit Analyses
 Introduction to Simulation Technology
 Introduction to Isogeometric Analysis
 Info: New LS-DYNA Features
 Info: Cloud Solutions

Basics/Theory

- Element Types and Nonlinear Aspects
 User Interfaces in LS-DYNA

Crash/Short-Term Dynamics

- Crashworthiness Simulation
 Introduction to Contact Definitions
 Contact Modeling
 Joining Techniques for Crash Analysis
 Failure of Fiber Reinforced Polymer
 Info: Drop Tests

Passive Safety

- Introduction to Passive Safety Simulation
 CPM for Airbag Modeling
 Dummy/Pedestrian Impactor Modeling
 Info: Certification EuroNCAP TB024

Metal Forming/Process Simulation

- Metal Forming with LS-DYNA
Optional: only 1st and 2nd day
 only 3rd day
- Forming Simulation with eta/Dynaform
 Hot Forming with LS-DYNA
 Welding Simulation with LS-DYNA

- Sheet Metal Forming with OpenForm
 Introduction to Draping Simulation
 Info: Welding/Heat Treatment
 Info: Forming Trends

Materials

- Material Modeling for Metals
 Damage and Failure Modeling
 Adv. Damage Modeling: Orthotropic Materials
 Parameter Identification with LS-OPT
 Modeling Polymers and Elastomers
 Short Fiber Reinforced Polymers
 Continuous Fiber Reinforced Polymers
 Concrete and Geomaterial Modeling
 Simulation of Thermoplastics
 User Materials
 Info: Composite Analysis
 Info: Material Characterizations/Measurement
 Info: Simulation of Plastics

Implicit

- Implicit Analysis
 NVH, Frequency Domain Analysis and Fatigue
 From Explicit to Implicit Simulation Models

Particle Methods

- Smoothed Particle Hydrodynamics (SPH)
 SPG - Manufacturing/Material-Failure
 Introduction to EFG
 Discrete Element Method (DEM)

Multiphysics

- ALE and Fluid-Structure Interaction
 ICFD - Incompressible Fluid Solver
Optional: only 1st day only 2nd day
 CESE - Compressible Fluid Solver

- Resistive Heating/Battery Modeling
 Electromagnetism
 Info: Multiphysics

High Energy Events

- Short Duration Events
 Blast Modeling
 Penetration Modeling
 Explosives Modeling for Engineers

Optimization

- LS-OPT - Optimization/Robustness
Optional: only 1st and 2nd day
 only 3rd day
- Basics of Structure Optimization
 Structural Optimization GENESIS
 Info: Optimization
 Info: Optimization ANSA, LS-OPT, META

Pre- and Postprocessing

- Introduction to PRIMER for LS-DYNA
 ANSA/LS-OPT/META

Support/Webinars

- Support day: LS-DYNA
 Support day: Occupant Safety

SDM Simulation Data Management

- SDM and Process Management LoCo
Optional: only 1st day only 2nd day
 Info: Process Autom./SDM
 Scale.sdm

CFD Computational Fluid Dynamics

- Basic Training STAR-CCM+
 Battery Simulation in STAR-CCM+
 Multiphase Flow in STAR-CCM+
 FSI in STAR-CCM+

Date (please specify): _____ Seminar Compact webinar on-demand video seminar I will cancel my registration if the course will be held in German language.

Sender

Company / University: _____

Dept. / Institute: _____

Title, first/last name: _____

Street: _____

ZIP code, town/city: _____

Tel.: _____

E-Mail: _____

I agree that DYNAmore will send me information about LS-DYNA and upcoming events.
You may, at any time, revoke your consent by contacting DYNAmore GmbH via phone or in writing.

Date, Signature: _____

Declaration of consent to the use of personal data:
With your registration you allow us the use and the processing of your data for seminar organization.