

Berlin and online, December 1st 2022

InfoDay Automotive and Aerospace Applications presented by DYNAmore

Mathias Merten, Daniel Kessler, Guido Pietsch, DYNAmore GmbH Berlin
André Haufe, Christian Frech, David Weimar, DYNAmore GmbH Stuttgart

| Topic | Speaker | New York | Berlin | Tokyo |
|---|----------------------------|----------|--------|-------|
| <i>Welcome</i> | M. Merten (DYNAmore GmbH) | 03:00 | 09:00 | 17:00 |
| Session 1 | | | | |
| Digital. Efficient. Sustainable. Simulation possibilities in the innovative aerospace supply industry | T. Meyer (Heggemann AG) | 03:10 | 09:10 | 17:10 |
| DYNAmore GmbH - Your partner for innovative FEM calculation | M. Merten (DYNAmore GmbH) | 03:40 | 09:40 | 17:40 |
| High-Fidelity Modelling and Simulation of Jet Engines using LS-DYNA | A. Hornig (TU Dresden) | 04:00 | 10:00 | 18:00 |
| <i>Coffeebreak</i> | | 04:30 | 10:30 | 18:30 |
| Session 2 | | | | |
| Simulation of Resistive Heating of Titanium Blanks | M. Merten (DYNAmore GmbH) | 05:00 | 11:00 | 19:00 |
| Isothermal Hot Forming of Titanium Blanks - From Characteristic Determination to the Component | M. Kaiser (Heggemann AG) | 05:30 | 11:30 | 19:30 |
| Examples for AM-Simulations in LS-DYNA | J. Buhl (BTU Cottbus) | 06:00 | 12:00 | 20:00 |
| <i>Lunch Break</i> | | 06:30 | 12:30 | 20:30 |
| Session 3 | | | | |
| GISSMO for Damage and Failure Prediction | D. Koch (DYNAmore GmbH) | 07:30 | 13:30 | 21:30 |
| A new material model for continuous fiber reinforced plastics in crashworthiness analysis | T. Klöppel (DYNAmore GmbH) | 08:00 | 14:00 | 22:00 |
| Closed process chain for the simulation of fiber reinforced composites in LS-DYNA using ENVYO | T. Usta (DYNAmore GmbH) | 08:30 | 14:30 | 22:30 |
| Multiphysics Modeling of Batteries with LS-DYNA | N. Karajan (DYNAmore GmbH) | 09:00 | 15:00 | 23:00 |
| <i>Farewell</i> | M. Merten (DYNAmore GmbH) | 09:30 | 15:30 | 23:30 |