PRESS RELEASE

dynardo
dynamic software & engineering

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Dynardo GmbH to offer ANSYS optiSLang, a leading edge Robust Design Optimization (RDO) software solution for the ANSYS customer community

Dynardo GmbH is proud to announce that Dynardo's optiSLang, leading edge software for CAE-based Robust Design Optimization in virtual prototyping, will now be distributed and supported around the world by ANSYS and its channel partners.

Johannes Will, CEO of Dynardo, stated that " … Dynardo and ANSYS contribute unique technology and expertise to this partnership." The new product, ANSYS optiSLang, applies Dynardo's efficient and automated tool for robust design solutions to the ANSYS suite of parametric and persistent CAD and CAE modeling software.

ANSYS optiSLang enables CAE based product development across all industries to accomplish critical competitive goals such as optimized design performance, and cost reduction, all with an ease of use and efficiency that helps to minimize time to market. Combined with the industry leading ANSYS simulation software, it provides a maximum understanding of design features being exposed to production while robustly accounting for material tolerances and other environmental variables. This powerful combination will be used by ANSYS customers to verify and improve performance, robustness and reliability of their next generation products.

ANSYS optiSLang addresses the following key challenges in virtual product development with the use of a series of design variants, automatically generated and simulated in the parametric modelling environment of ANSYS:

• Calibration of CAE-models to measurement results
• Understanding of how parameter variation affects the design performance
• Investigation of optimization potentials
• Verification and improvement of design robustness and reliability
• Performance of robust design optimization

Info ANSYS optiSLang [>>>](#)
Practical applications [>>>](#)
Weimar Optimization and Stochastic Days [>>>](#)

For more information about ANSYS and Dynardo products and services, please visit www.ansys.com and [www.dynardo.de](#).

Company Profile

As one of the leading companies in the field of CAE-based sensitivity analysis, multidisciplinary optimization and robustness evaluation, Dynardo develops software solutions for worldwide customers and conducts consulting and FE analysis services in virtual product development, civil engineering and geomechanics. The service also includes comprehensive support and training programs. Due to the combination of being a software developer and engineering consultant, the company provides a high amount of flexibility towards special market requirements in the CAE sector.

Our expertise includes et al.:
• Virtual product development and product optimization
• Realistic safety and reliability analysis
• Robust Design Optimization (RDO)
• Proper assessment of non-linear material behavior in civil engineering and geotechnical applications
• Limit Load analysis
• Simulation of thermo-hydraulic-mechanical interactions within rock formations