



**Marco Grosse**

**Lead Application Engineer**

## BIO

Marco graduated from the Bauhaus-Universität Weimar with a Diploma in civil engineering, where he focused on constructive engineering and structural simulation. Even during his studies, he was deeply attracted by the possibilities of simulation technology and finite element theory. During his doctoral studies, he researched to simulate the nonlinear material behavior of timber and concrete in composite structures using FEM. He then worked as a computational engineer for 15 years with a broad variety of customers from across various industry segments.

## Ansys EXPERIENCE

Marco started using Ansys Mechanical during undergraduate studies. He has been working intensively with LS-DYNA for more than 15 years. Marco has accompanied the development of optiSLang from the very first days. Marco joined Ansys in 2019 and moved to the Ansys technical team. With 30 years of experience with Ansys simulation products, Marco is able to implement innovative practices and procedures to improve customer productivity to optimize reliable products in less time.

## SPECIALTIES

- Optimization and Reliability
- Structural Mechanics
- Non-Linear FEA
- Dynamics
- Mechanical RSM and HPC

## GOALS

- Empower Ansys users with skills and knowledge.
- Promote usage of Computer Aided Engineering in Product Development through to Digital Transformation.



## PROFESSIONAL

### EDUCATION

Dr.-Ing. in Civil Engineering  
Bauhaus-Universität Weimar

Dipl.-Ing. in Civil Engineering  
Bauhaus-Universität Weimar

## PERSONAL

### INTERESTS

Cross-country Skiing, Nordic Skating, Cycling, Hiking, Family

### LANGUAGES

German, English

## COMPETENCIES

### SIMULATION



### ENGINEERING



### LEADERSHIP



### Ansyes PHYSICS

