



SIMHEAT®

Available only
Q4 2026

New Functionalities of SIMHEAT® NxT 5.0

Do you want to further increase your productivity? Learn how to use the new features in SIMHEAT® NxT 5.0. Training available Q4-2026

The training on SIMHEAT® NxT 5.0 will guide participants through the major enhancements of this release, including new remeshing capabilities, improved thermal and thermochemical treatments, optimization tools, advanced analysis options,

and various process-related improvements. The goal is to ensure users can efficiently leverage all updates introduced in this new version.

LEVEL

Intermediate

PREREQUISITES

A first experience with SIMHEAT® is required

GOALS

- Mastering the new features in SIMHEAT® NxT 5.0
- Gaining experience based on practical case studies

OTHER RECOMMENDED COURSES

- SIMHEAT® - Mastering the software

TRAINING	DURATION	PRICE EXCL. TAX	PARTICIPANTS
In-company	1 day	€1400 per training	1 to 3 people

DAY 1 > 8.30 a.m. to 12.00 p.m. & 2.00 p.m. to 5.30 p.m.

Introduction	<ul style="list-style-type: none">• Presentation of Transvalor• Course goals
Furnace Heating with Radiation	<ul style="list-style-type: none">• Integration of furnace components• Kinematic considerations• Enhanced radiation modeling
Automatic Measurement Tools	<ul style="list-style-type: none">• Introduction of automated measurement functionality
Surface Treatments	<ul style="list-style-type: none">• Updated material data• Simplified configuration workflow
Mesh Optimization & Topology Healing	<ul style="list-style-type: none">• Surface Mesh Optimizer• Smooth operations for topology repair
API Enhancements	<ul style="list-style-type: none">• API improvements• Shape comparison tools• PID controllers• Laser and depth sensor support
Conclusion	<ul style="list-style-type: none">• Questions and course assessment