



FORGE®



Available only  
Q4 2026

# New Functionalities of FORGE® NxT 5.0

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

The training on FORGE® 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 FORGE® software is required.

## GOALS



- Mastering the new features in FORGE® NxT 5.0
- Taking advantage of the Multi Pass file creator to speed up your setup time in Open Die forging
- Gaining experience based on practical case studies

## OTHER RECOMMENDED COURSES



- FORGE® - Mastering the software
- FORGE® - Heat treatment of steel and aluminum



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.

<b>Introduction</b>	<ul style="list-style-type: none"> <li>• Presentation of Transvalor</li> <li>• Course goals</li> </ul>
<b>Induction</b>	<ul style="list-style-type: none"> <li>• Automatic isotropic and anisotropic remeshing</li> <li>• Steady-state capabilities</li> <li>• Double-frequency handling</li> </ul>
<b>Furnace Heating with Radiation</b>	<ul style="list-style-type: none"> <li>• Integration of furnace components</li> <li>• Kinematic considerations</li> <li>• Enhanced radiation modeling</li> </ul>
<b>Open Die and Incremental Processes</b>	<ul style="list-style-type: none"> <li>• Visualization of manipulators</li> <li>• Dedicated kinematic option</li> <li>• MPFx interface improvements</li> </ul>
<b>Automatic Measurement Tools</b>	<ul style="list-style-type: none"> <li>• Introduction of automated measurement functionality</li> </ul>
<b>Surface Treatments</b>	<ul style="list-style-type: none"> <li>• Updated material data</li> <li>• Simplified configuration workflow</li> </ul>
<b>Mesh Optimization &amp; Topology Healing</b>	<ul style="list-style-type: none"> <li>• Surface Mesh Optimizer</li> <li>• Smooth operations for topology repair</li> </ul>
<b>Fatigue Analysis &amp; Material Files</b>	<ul style="list-style-type: none"> <li>• Python-based fatigue analysis</li> <li>• New material files for multiple applications</li> </ul>
<b>API Enhancements</b>	<ul style="list-style-type: none"> <li>• API improvements</li> <li>• Forging routes</li> <li>• Shape comparison tools</li> <li>• PID controllers</li> <li>• Laser and depth sensor support</li> </ul>
<b>Conclusion</b>	<ul style="list-style-type: none"> <li>• Questions and course assessment</li> </ul>