



FORGE®



New functionalities of FORGE® NxT 3.2

Do you want to further increase your productivity? Learn how to use the new features in FORGE NxT 3.2 and make them work for you!

By the end of this course, you will be able to use the new features in FORGE® NxT 3.2 and work with the best practices to configure data and analyze results. FORGE® NxT 3.2 improves your experience through user interface customization, faster and

easier navigation, and new shortcuts. You will also enjoy advanced options such as the drag and drop of files in setup mode or the custom actions in analysis mode. The new solver functions will also be covered in this course.

LEVEL



Intermediate

PREREQUISITES



A first experience with FORGE® software is required.

GOALS



- **Mastering the new features in FORGE® NxT 3.2**
- **Taking advantage of the new features of the interface to configure data and analyze results faster**
- **Increasing the predictive quality of your simulations with more realistic data setups**
- **Pick-up experience based on practical case studies**

OTHER RECOMMENDED COURSES



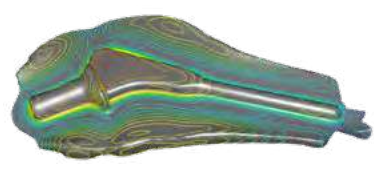
- FORGE® - Mastering the software
- FORGE® - Heat treatment of steel and aluminum



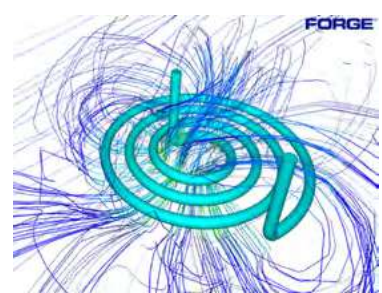
DURATION		DATES	
1 Day	16 February	15 June	19 October
TRAINING		PRICE EXCL. TAX	PARTICIPANTS
Inter-company		540€ per person	3 to 8 people
In-company		1300€ per training	1 to 3 people

DAY 1 > 8.30 a.m. to 12.00 p.m. & 1.30 p.m. to 5.00 p.m.

Introduction	<ul style="list-style-type: none"> • Transvalor presentation • Course goals
Ergonomic user interface	<ul style="list-style-type: none"> • Right-click: customization of contextual menu • Automatic saving of project • Customization of keyboard shortcuts • Customization of mouse actions • Add favorites (processes, friction, materials...) • Customization of the home page
Advanced setup data options	<ul style="list-style-type: none"> • Drag and drop file loading • Multi-object selection: <ul style="list-style-type: none"> - Displacement and rotation - Trimming - Resizing • Edition of files (friction, materials, heat transfer) directly from the FORGE® interface
Meshing	<ul style="list-style-type: none"> • Generation and visualization of the solver mesh in the interface • Mesh repair: <ul style="list-style-type: none"> - Easy detection of folds - Diagnostic of the quality of the mesh - Filling of holes • Void meshing: meshing hollow spaces • Automatic mesh refinement
Advanced results analysis options	<ul style="list-style-type: none"> • Custom actions (display configuration, scalar display...) • Synchronized multi-window animation • Display of parts in contour line mode • Improved readability of the analysis slide bar (zoom, easy increment selection) • Computation report • Boundary delimitation and adjustment of the scalar scale
New features	<ul style="list-style-type: none"> • Phosphate coating • Long and flat products: yield computation • Particle tracking, drawing field lines of a scalar
Conclusions	<ul style="list-style-type: none"> • Questions and course assessment



Display of a scalar in contour line mode



Magnetic field lines in Induction



Right-click with multiple functions