GEOMETRY – MESH TRAINING

OBJECTIVE: Use advanced modeling and meshing services

CONTENT

Day 1

Geometry
Presentation of services:
✓ Modeling
✓ Correction
✓ Control

Meshing
Presentation of services:
✓ Creation from CAD
✓ Import
✓ Correction
✓ Control of mesh quality
✓ Creation of a group of elements

Geometry Mesh Exercises
✓ Interaction betw. the GUI and the script
✓ Realization of a study by script
✓ Creation of regions for boundary conditions

Day 2

Mesh Exercises
✓ Mesh modification
✓ Cylindrical mesh construction
✓ Construction of mesh by extrusion
✓ Quality control of meshing
✓ Heterogenic mesh

Tools
✓ Cutting of hexahedral meshes
✓ Quadrangle with 5 edges
✓ Hypotheses in plugins GHS3D and BLSurf

PREREQUISITES
✓ Knowledge of CAD-Calculations

DURATION, LOCATION
✓ 2 days
✓ At the Customer’s site or at the premises of OPEN CASCADE (Guyancourt, Lyon - FRANCE)

REGISTRATION
www.opencascade.com/contact