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

PREREQUISITES
- ✓ Knowledge of CAD-Calculations

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

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

REGISTRATION
www.opencascade.com/contact