INTRODUCTION TO SALOME–MECA

OBJECTIF : Discover SALOME-MECA platform: create models, meshes, computation with ASTER, post-process

CONTENT

Day 1
Geometry
Presentation of services:
✓ Modeling
✓ Correction and Control
✓ Exercises

Meshing
Presentation of services:
✓ Creation, Import
✓ Correction and Control
✓ Creation of a group of elements
✓ Exercises

Geometry Mesh Exercises
✓ Interaction between the GUI and the script
✓ Realization of a study by script (python)

Day 2
Aster
✓ Presentation of Aster Module
✓ Introduction to a wide range of mechanical thermics and acoustics behaviours
✓ Utilization of the GUI
✓ASTER tools: ASTK, Efficas
✓ Exercises

Day 3
Aster
✓ Utilization of command files
✓ Exercises

Post-treatment
✓ Read MED files
✓ Review of various types of results presentation

Tutorial
✓ Complete modeling with SALOME-ASTER

PREREQUISITES
✓ Knowledge of CAD-Calculations

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

REGISTRATION
www.opencascade.com/contact