SALOME TRAINING

GEOMETRY – MESH TRAINING

OBJECTIVE: Use advanced modeling and meshing services

CONTENT

Day 1

GEOM module
Presentation of services:
- Modeling
- Correction
- Control

Prestenation of new modeler SHAPER

SMESH module
Presentation of services:
- Creation from CAD
- Import
- Correction
- Control of mesh quality
- Creation of a group of elements

Geometry Exercises
- Interaction between the GUI and the script
- Realization of a study by script
- Creation of regions for boundary conditions
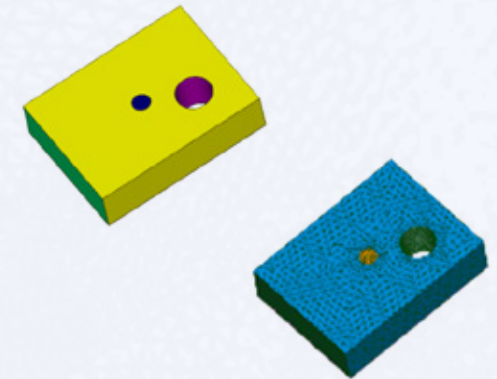
Day 2

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 (optional)

Questions/Answers
- Use SALOME to answer to your industrial problem
- Review blocking concept or particular concept

PREREQUISITES

- Knowledge of CAD-Calculations

DURATION, LOCATION

- 2 days
- At the Customer's site or at the premises of Open Cacade (Guyancourt, Lyon - FRANCE)