

# 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 betw. the GUI and the script
- ✓ Realization of a study by script (python)

## 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](http://www.opencascade.com/contact)

### 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

