# Training Program

**OCAF: Framework for development of applications**

**Objective:** Develop an application with OCAF: geometric data, document-view model, undo-redo mechanism

## Content

### Day 1

**Introduction**
- What is OCAF
- Advantages
- Architecture
- Services
- Basic concepts

**OCAF Components**
- Application
- Document
- Label
- Attributes

### Day 2

**Ready-to-use attributes**
- Standard attributes
- Shape attributes (Named Shape)
- Tracking shape evolution
- Presentation attributes

### Day 3

**Modification & Regeneration**
- Data storage
- Introduction to modification
- Organization of attributes
- Re-computation of attributes
- Re-evaluation of presentable objects attributes

## Exercises

- Create a multi-document and a multi-viewer application
- Object attributes displaying
- Persistence
- Undo/Redo commands
- Modification and Re-Run

## Prerequisites

- C++
- Basic OCCT concepts
- (Open CASCADE Technology Fundamentals training module)

## Duration, Location

- 3 days
- On-line, at the Customer's site or at the premises of Open Cascade (Guyancourt, Lyon - FRANCE)