

# 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)