**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 Fundamentals training module)

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

**REGISTRATION**
[https://www.opencascade.com/contact](https://www.opencascade.com/contact)