

# “Sviluppo di Modelli Computazionali 3D”

## (3D Models Generation)

Laboratory 04 – 24/03/2017

### **Slicer Exercise 1:**

1. Define a transfer function for CBCTDentalSurgery such that skin has a color skin and bones have a gray color.
2. Create a path around the head using Fiducial Points, and create an endoscopy animation.

### **Slicer + MeshLab Exercise 2:**

1. Segment and create a 3D model of chest bones in CTChest.
2. Remove unwanted points/triangles in MeshLab.

### **Slicer + MeshLab Exercise 3:**

1. Segment and create a 3D model of teeth in CBCTDentalSurgery.
2. Remove unwanted points/triangles in MeshLab.