

LAB ASSIGNMENT #3

The purpose: appreciate the techniques of volume rendering

Step 1: download ImageVis3D from [here](#)

- also available in the CS labs

Step 2: download the datasets from the same website

- do not use the transfer function files also available there

Step 3: render 4 iso-surface images (10 points each)

- two different datasets with different iso-surfaces shown

Step 4: render 2 images with multiple surfaces visible using semi-transparent rendering (10 points each)

- pick from two different datasets
- render the surfaces with different colors

due Tuesday 3/26

Renderings with high aesthetic appeal gain 2 extra points

Submit images in a zip or rar file on Blackboard