

3D Geometry Processing

Exercise 2 - Scanning

Handout date: 26.02.2019
Submission deadline: 05.03.2019, 13:00 h

Note

A .zip compressed file renamed to `Exercisen-GroupMemberNames.zip` where *n* is the number of the current exercise sheet. It should contain:

- Hand in **only** the files you changed (headers and source). It is up to you to make sure that all files that you have changed are in the zip.
- A `readme.txt` file containing a description on how you solved each exercise (use the same numbers and titles) and the encountered problems.
- Other files that are required by your `readme.txt` file. For example, if you mention some screenshot images in `readme.txt`, these images need to be submitted too.
- Submit your solutions to ILIAS before the submission deadline.

Photoscan (10 pts)

The goal of this exercise is to scan an object using Agisoft Metashape to obtain a point cloud, mesh and texture that will be used later in the course. Choose objects that are suitable to be printed as a surface. More details are available in slides for Exercise 2.

Task (1): submit the .obj file which is the mesh with texture. Also submit a photo of a group member next to an object to prove that the photos are not taken from a dataset available online (**8 pts**).

Task (2) : load the generated .obj file in OpenFlipper and make a screenshot (**2 pts**).