

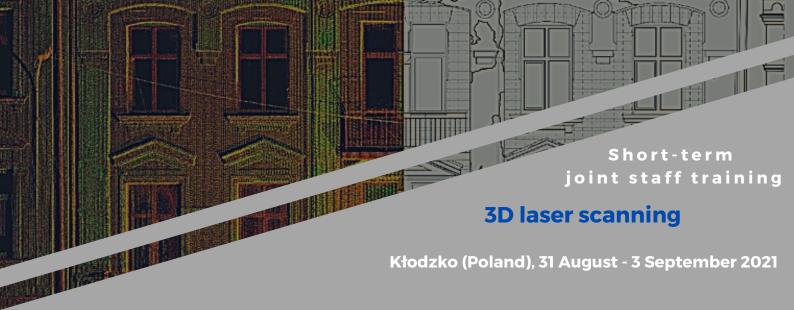
Training on 3D laser scanning

31 AUGUST - 3 SEPTEMBER, 2021

KŁODZKO, POLAND







PROGRAMME

Tuesday, 31/08/2021, 8.00-16.00:

- 1. The use and capabilities of long-range3D scanners
- 2. The principle of operation of 3D laser scanners
- 3. Safety rules during measurements
- 4. Designing the measurement process (nature of the object, use of accessories, number of stands)
- 5. Working principle of the FARO Focus scanner
 - 5.1. Construction of the scanner
 - 5.2. Functions
 - 5.3. Parameter Settings
 - 5.4. Distribution of positions
 - 5.5. Control during the scanning process
 - 5.6. Finish scanning

Wednesday, 01/09/2021, 8.00-16.00, Thursday, 02/09/2021, 8.00-16.00:

- 1. Discussion of the possibilities of the FARO Scene software
- 2. Software navigation
- 3. Data analysis
 - 3.1. Data Import
 - 3.2. Creation of the project
 - 3.3. Cleaning the point cloud from noise
 - 3.4. Processing and colouring of scans
 - 3.5. Joining scans
 - 3.6. Creating a point cloud
 - 3.7. Limiting project visibility, removing unnecessary elements
 - 3.8. Orthophoto of the facade data for 2D inventory
 - 3.9. Data export
 - 3.10. Creating a VR project virtual reality
 - 3.11. Creation of the WebShare Cloud project data in the cloud
- 4. 3D scanning of the selected object by the training participants
 - **4.1. Selection of scanning parameters** for the environment
 - 4.2. Running 3D scanning

Friday, 03/09/2021, 8.00-16.00:

- 1. Data export
- 2. Creating the project yourself in the FARO Scene software