



+10,37

+7,68

**SHORT-TERM
JOINT STAFF TRAINING**

Training on 3D laser scanning

31 AUGUST - 3 SEPTEMBER, 2021

KŁODZKO, POLAND





Short-term
joint staff training

3D laser scanning

Kłodzko (Poland), 31 August - 3 September 2021

PROGRAMME

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

1. The use and capabilities of long-range 3D 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