

Escuela Técnica Superior de Ingeniería Geodésica, Cartográfica y Topográfica



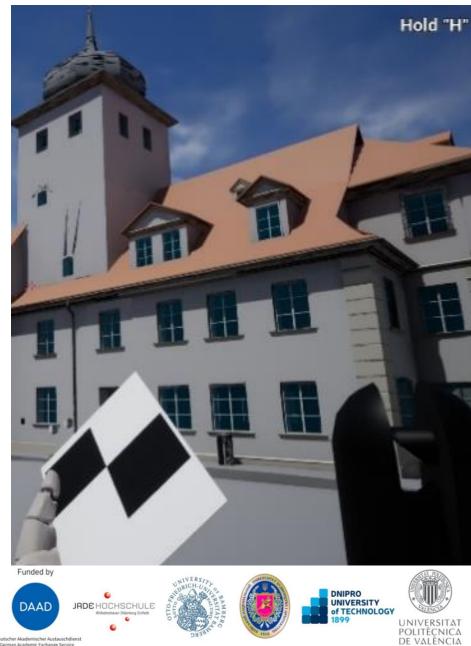
## GERMAN-UKRAINIAN-SPAIN INTERNATIONAL PROJECT WEEK IN VALENCIA, SPAIN

Terrestrial laser scanning: from simulation to real scanning 2-7 November 2023



- gaming environment and real scanner interface
- Station and target management
- point cloud export

as a part of the project VRscan3D - Virtual laser scanner simulator for digitalization of teaching environment





Project week included

- ✓ practical work with VRScan3D
- ✓ field work with TLS
- ✓ lectures from German, Ukrainian and Spain professors

The attendants will acquire basic knowledge and practice on the use of terrestrial laser scanners and initial processing of point clouds:

- understanding the main steps and process of laser scanning
- recognize of environment and define right positions of photogrammetric targets
- understanding the scanning of different materials and building constructions
- initial processing of point clouds and identify the errors of survey
- apply point cloud processing for 3D modelling of buildings
- skills of terrestrial laser scanning software

## Schedule

