



UNIVERSITÀ
DEGLI STUDI
DI PADOVA

Centro Interdipartimentale
di Ricerca di Geomatica



SEMINAR

Selected Aspects of the Use of Laser Scanning Technology in Civil Engineering



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CIRGEO

INTERDEPARTMENTAL RESEARCH CENTER OF GEOMATICS

Location: CIRGEO lab, Corte Benedettina,
Via Roma 34, 35020 Legnaro (PD)

Date: June 26th, 2025

Time: 11.00

Abstract

The seminar will cover the following topics:

- Harnessing Terrestrial Laser Scanning Technology for Remote Estimation of Catenary Cable Tension
- Methodology of Measurement and 3D Modelling of Cultural Heritage: A Case Study of the Monument to the Polish Diaspora Bond
- Application of Radiometric Information from Point Clouds in the Technical Condition Assessment of a Wind Turbine Blade
- Using Handheld 3D Laser Scanner and High-Resolution Handheld Digital Microscope for Hybrid Building Condition Measurements.