

GeoTAK Technical Training in CULTURAL HERITAGE

Cultural heritage data acquisition and documentation using geomatics techniques

AGENDA - Valencia, November 29-December 3, 2022

Day	Local Time	Partner	Lecturer	Title	Description	Comments	
Mon, Nov. 28 th	---	Arrival to Valencia					
Tue, Nov. 29 th	09h00-09h30	Registration and opening welcome Location: Room 0.4 of the School of Geodesy, Cartographic and Topographic Engineering (UPV) Prof. Luis A. Ruiz – Project coordinator					
	09h30-11h00	UPV	Francisco García	GPR concepts and applications in cultural heritage	Concept of GPR, description of equipment, acquisition parameters, radargrams interpretation. Applications		
	11h00-11h30	Coffee Break					
	11h30-12h15	UPV	Fernando Buchon	3D reconstruction from point clouds	Examples of data acquisition with laser scanner		
	12h15-13h00	UPV	Luis A. Ruiz	The <i>Patio de los Silos</i> national monument: history and data acquisition	Description of the <i>Patio de los Silos</i> national monument, its history, construction, documentation and data acquisition with geoinformation tools		
	13h00-14h30	Lunch at “Bocalinda University”					
	14h30-16h30	UPV	Julia & Denys Gorkovchuk	Geoinformation tools for Cultural Heritage	Examples of cultural heritage documentation in Ukraine		
Wed, Nov. 30 th	9h30- 12h00	Field visit: <i>Monastery of “San Miguel de los Reyes”</i> Meeting point: Main entrance of the monastery					
	13h00-14h30	Lunch at “Bocalinda University”					
	14h30-15h30	UPV	Francisco García	GPR data processing	Ground Penetrating Radar field data collection	Room 3.29	
	15h30-16h00	Coffee Break					

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	16h00-17h00	UPV	Fernando Buchón	TLS data processing	Terrestrial Laser Scanner field data processing	Room 3.29
Thu, Dec. 1 st	9h00-9h30	Field campaign: <i>Burjassot silos yard</i> Location: Access stairway to the silo yard Introduction				
	9h30-13h00	UPV	Fernando Buchón	Data collection	Terrestrial Laser Scanner field data collection	
	13h00-14h30	Lunch at “La oficina”				
	14h30-17h00	UPV	Francisco García	Data collection	Ground Penetration Radar field data collection	
	20h00-22h00	Social dinner at “Maria Mandiles restaurant” located at Manises square				
Fri, Dec. 2 nd	09h30-11h00	UPV	José Luis Lerma	Multiband techniques for cultural heritage documentation	Introduction to multiband imaging for documenting heritage with low-cost sensors. Hands-on data acquisition.	Room 3.29
	11h00-11h30	Coffee Break				
	11h30-13h00	UPV	José Luis Lerma	Multiband techniques for cultural heritage documentation	Image processing of painted	Room 3.29
	13h00-14h30	Lunch				
	14h30- 17h00	Project Management Meeting				
Sat, Dec. 3 rd	08h00	Field visit: <i>Roman city of Sagunto</i> Meeting point: “ València Nord ” train station				
	10h00-11h00	“Via del Pórtico” Guided Tour				
	11h00-13h00	Cultural heritage visit to Roman city of Sagunto				
Sun, Dec. 4 th	---	Departure from Valencia				

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