













POMPEIL

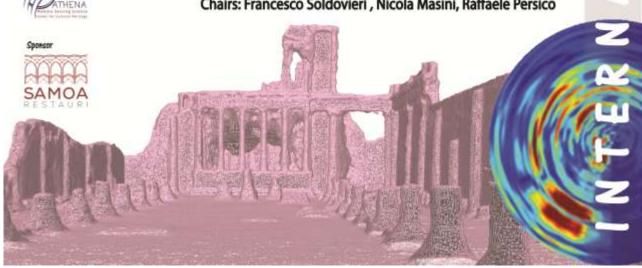


GEOPHYSICS AND REMOTE SENSING FOR ARCHAEOLOGY





Chairs: Francesco Soldovieri , Nicola Masini, Raffaele Persico



I International School "GEOPHYSICS AND REMOTE SENSING FOR ARCHAEOLOGY"

Pompeii, 9-13 May 2016



The School aims at giving the opportunity to scholars, PhD students, researchers and specialists in Archaeology, Geophysics, Remote Sensing, Geoscience and Science for Conservation of Cultural Heritage to deepen their knowledge and expertise with geophysical and remote sensing techniques for archaeology and cultural heritage documentation and management.

The school consists of lectures and practical work in laboratory and on-field at the prestigious site of Pompeii. The course will provide the basics about data collection, processing and interpretation for geophysical techniques (GPR, magnetic, ERT, seismic), passive and active remote sensing.

The school is organized by two Institutes of the Consiglio Nazionale delle Ricerche, i.e., CNR-IBAM and CNR-IREA, and Soprintendenza Speciale Beni Archeologici Pompeii, Ercolano and Stabia.

The course will be held from Monday May 9 to Friday May 13, 2016, and will foresee lectures/practical work on morning and afternoon (8 hours) for the first four days and only the morning for the last day.

Organization: CNR-Istituto per i Beni Archeologici e Monumentali (IBAM); CNR- Istituto per il Rilevamento Elettromagnetico dell'Ambiente (IREA); Soprintendenza Speciale Beni Archeologici Pompei, Ercolano and Stabia

Support: ATHENA Project (H2020)

Sponsor: Samoa srl

Chairs: Francesco Soldovieri IREA-CNR, Nicola Masini IBAM-CNR, Raffaele Persico, IBAM-CNR

Lecturers: Giovanni Leucci, Nicola Masini and Raffele Persico (CNR-IBAM); Francesco Soldovieri and Ilaria Catapano (CNR/IREA); Rosa Lasaponara and Enzo Rizzo (CNR-IMAA); Bruno De Nigris SS-PES, Athos Agapiou (Cyprus University of

Technology)

Tutors: Antonio Pecci, Maria Sileo (CNR/IBAM); Gianluca Gennarelli (CNR/IREA)

Administrative/Economic Organization: Generoso Sole CNR/IREA

Logistics Support and Information: Maria Consiglia Rasulo CNR/IREA





Venue

The location of the school is the archaeological area of Pompeii, 15 km south of Naples (Italy). Pompeii can be easily reached by car or train. The closest international airport is Naples. The event will take place in the Auditorium inside the archaeological area. The on-field activities will be carried out at the archaeological site of Pompeii.

Registration fee and Participation

The registration fee for the participation is 300 Euros (VAT excluded).

The fee includes: lecture material, entrance and guided visit in the archaeological area of Pompeii, welcome party, social dinner.

The number of admissible students is about 30.

For the participation, please express your interest by sending a CV to archeoschool@irea.cnr.it . The participant selection will be done according to the CV and order of arrival of the request.

Payment Method only by Wire Transfer

NAME of BANK: BANCA NAZIONALE DEL LAVORO (BNL gruppo BNP Paribas)

ACCOUNT HOLDER: Consiglio Nazionale delle Ricerche, "Incassi giornalieri da altre dipendenze"

SWIFT/BIC: BNLIITRR

IBAN: **IT57S0100503392000000218155**

REF: CDR 072, NAME SURNAME, Registration for GEOPHYSICS AND REMOTE SENSING FOR ARCHAEOLOGY SCHOOL

After sending your registration payment by bank wire transfer, scan the bank receipt and attach the PDF file in an email to amministrazione@irea.cnr.it and archeoschool@irea.cnr.it

For any information request and expression of interest to attend, please contact us at the address archeoschool@irea.cnr.it

Programme







Monday, 9 May 2016			
8.30-9.30	Opening Ceremony	Chairs, Institute	
		directors and	
		Superintendent	
9.30-10	Introduction to the course	Chairs (N. Masini, F.	
		Soldovieri, R. Persico)	
10:00-	The role of the sensing technologies in the CH management and	B. De Nigris	
11:00	protection		
11:00-	Remote sensing for Archaeology and cultural heritage	R. Lasaponara	
12:30	management		
12:30-	Ground-truth spectroradiometric data for archaeological	A. Agapiou	
13:30	applications		
13:30-	Lunch break		
14:30			
14:30-16	Magnetic and ERT for preventive archaeology	E. Rizzo	
16-17:30	Ground Penetrating Radar	R. Persico	

Tuesday, 10 May 2016			
9:00-10:30	Infrared and high frequency technologies for diagnosis	I. Catapano	
10:30-	Acoustic and seismic techniques	G. Leucci	
12:00			
12:00-	Strategies for non invasive diagnosis of structure and	F. Soldovieri	
13:00	monuments		
13:30-	Lunch break		
14:30			
14:30-	Integrated approaches and strategies for archaeology and	N. Masini	
16:00	cultural heritage		
16:00-	Visit of the archaeological area of Pompeii and test sites		
18:00			



Wednesday, 11 May 2016			
9:00-13:00	Field surveys on monuments Part 1	All the lecturers and tutors divided in two-three groups	
13:00- 14:00	Lunch break	3,554	
14:00- 18:00	Field surveys on monuments Part 2	All the lecturers and tutors divided in two-three groups	

Thursday, 12 May 2016			
9:00-11:00	Tutorial of data processing for the technologies	The lecturers involved in the data	
	deployed at field survey	processing	
11:00-	Processing of data collected during the field	All lecturers and tutors	
13:00	survey		
13:00-	Lunch break		
14:00			
14:00-	Processing of data collected during the field	All lecturers and tutors	
18:00	survey		

Friday, 13 May 2016			
9.00-12:00	Presentation and interpretation of data processing results	All lecturers and tutors	
12:00-13:00	Conclusion of the course	Chairs	