



ibam
ISTITUTO PER I BENI ARCHEOLOGICI E MONUMENTALI



Istituto per il rilevamento
elettromagnetico
dell'ambiente



Soprintendenza Speciale
Beni Archeologici
Pompei Ercolano Stabia



9-13 MAY 2016

POMPEII

GEOPHYSICS AND REMOTE SENSING FOR ARCHAEOLOGY



Support



Sponsor



Chairs: Francesco Soldovieri , Nicola Masini, Raffaele Persico



INTERNATIONAL SCHOOL

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

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



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

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

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