

**SECOND ANNOUNCEMENT FOR THE
International School "GEOPHYSICS AND REMOTE SENSING FOR ARCHAEOLOGY"
Pompei, 9-13 May 2016**



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

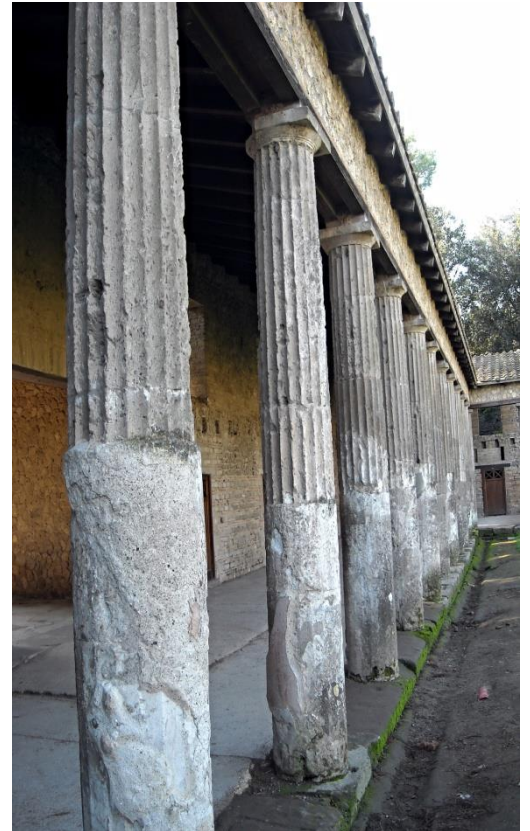
The school consists of **lectures** and on-field **practical work** at the prestigious site of Pompei. The course will provide the basics about data collection, processing and interpretation for geophysical techniques (GPR, magnetic, ERT), passive and active remote sensing and low-cost approaches based on the use of UAV.

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 Pompei, Ercolano e Stabia.

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

Preliminary programme

- Sunday, 8/5: Arrival and icebreaking party
- Monday, 9/5: Lectures: Introduction and description of the course; Remote sensing and UAV for archaeology; Magnetic and Electrical Resistivity Tomography for Archaeology. Ground Penetrating Radar (GPR).
- Tuesday, 10/5: Lectures: Non-invasive diagnostics of monuments and artifacts; Integrated approaches and strategies for archaeology and cultural heritage. Data Acquisition with GPR on the earth and on a wall, ERT, Magnetic, and IR camera. Part 1.
- Wednesday ,11/5: Data Acquisition with GPR on the earth and on a wall, ERT, Magnetic, and IR camera. Part 2.
- Thursday, 12/5: Tutorial regarding the processing and integration of the collected data (magnetic, ERT, GPR and IR) . Processing of UAV data previously gathered in the area of Pompeii.
- Friday, 13/5 (only the morning): Presentation of the data processing results (in charge of the students), Wrap-up and conclusions.



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, Ilaria Catapano CNR/IREA
- Rosa Lasaponara, Enzo Rizzo CNR-IMAA
- Bruno De Nigris SS-PES

Tutors (to be finalized)

- Antonio Pecci, Maria Sileo CNR/IBAM
- Gianluca Gennarelli CNR/IREA

Administrative/Economic Organization

- Generoso Sole 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