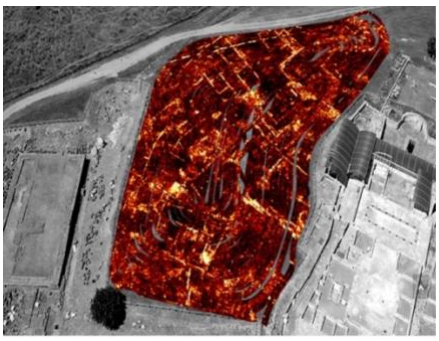
SOPRINTENDENZA ARCHEOLOGIA BELLE ARTI E PAESAGGIO PER LE PROVINCE DI SIENA GROSSETO E AREZZO

Dig@Lab

GEOstudi Astier

RcheoDrONE LAB



HIDDEN LANDSCAPES

SCHOOL OF GEOPHYSICS AND REMOTE SENSING IN ARCHAEOLOGY

May 31-June 2, 2023
Cortona (AR)

Remote sensing in archaeology involves using aerial imagery geophysics, LiDAR and drones to survey and map large areas of land for potential archaeological sites. This technology can detect buried structures and features that may not be visible on the surface, without the need for excavation. These technologies have revolutionized the field of archaeology, enabling researchers to gather information about the past without destroying the evidence or altering the site in any way. These techniques allow archaeologists to obtain information about the location, size, and layout of buried structures, as well as information about the composition and distribution of artifacts and other archaeological features. This 3 days, intensive course, is designed to provide an introduction to the various techniques and methods used in the study of archaeological sites and landscapes. We will explore the application and development of non-invasive technologies, their use and limitations in the field of landscape archaeology. The course is designed to be interactive, with a strong emphasis on practical exercises on site and case studies. We will be using a combination of lecture, discussion, and hands-on exercises to gain a deeper understanding of the techniques and methods used in non-invasive archaeology. The case study will be the Sodo archaeological park in Cortona, one of the most important sites in central Etruria.

Location

Parco Archeologico del Sodo, Cortona (AR)

Tuition fees

1500 EUR (all participants)
750 EUR (students)
Special discounts are offered for lodging and meals at the Winery Estate Fattoria Santa Vittoria | Winery Estate and Farm
Or contact for hotels and other facilities:

welcome@lamontagnacortonese.it

Instructors

Stefano Campana
Associate Professor of Landscape Archaeology, University of Siena

Gianluca Catanzariti
freelance geologyst at 3DGeoimaging, Dip. Scienze della Terra, Univ. Torino.

Michel Dabas
co-director of AOROC (Archéologie de l'Orient et de l'Occident) UMR8546, PSL-CNRS-Ecole Normale de Paris

Maurizio Forte (director)
William and Sue Gross Professor of Classical Studies, Art, Art History and Visual Studies, Duke University

Gianfranco Morelli (director)
CEO at Geostudi Astier srl

Iacopo Nicolosi
Geophysicist @ INGV - Rome

Ada Salvi
Funzionario Archeologo, Soprintendenza Archeologia, Belle Arti e Paesaggio per le province di Siena Grosseto e Arezzo

Technologies

GPR (ground penetrating radar), ERT (electrical resistivity tomography), EM (electromagnetic induction), magnetometry, terrestrial laser scanning, LIDAR, multispectral drones

Organizers

Dig@Lab Duke University, ArcheoDrone Lab, Geostudi ASTIER srl in collaboration with Leica Geosystems, AGEagle, Soprintendenza Archeologia, Belle Arti e Paesaggio per le province di Siena Grosseto e Arezzo

Registration

Registrations and payments on line. Please contact info@geostudiastier.com