



International Summer School in Archaeology Former Ancient Towns & Geophysical Survey

Archaeological site of Veii (Lazio, Italy)

Organized by
STEFANO CAMPANA – UNIVERSITY OF SIENA, ITALY
UGO FUSCO - UNIVERSITY OF ROME TOR VERGATA, ITALY

18-22 JUNE 2024

OBJECTIVES - The school aims to bring together young scientists, developers and advanced users from archaeology and geophysics to study and exchange experience and knowledge through lecturing and field training on the latest developments in archaeological prospection and the understanding of past landscapes.

TARGET GROUP OF PARTICIPANTS - PhD students, young researchers and intermediate users of new sensor technologies and methods for archaeological prospections.

DAY 1 - 18.06.24

15:00 – 15:15	Official Opening INSTITUTIONAL SALUTES
15:15 – 15.30	Introduction to the Summer School S. CAMPANA - U. FUSCO
15:30 – 16:00	Veio S. CAROSI (SOPRINTENDENZA ARCHEOLOGIA, BELLE ARTI E PAESAGGIO PER LA PROVINCIA DI VITERBO E PER L'ETRURIA MERIDIONALE)
15:30 – 16:00	Archaeological prospections at Veii M. GUATOLI (CNR), S. CAMPANA (UNIVERSITY OF SIENA)
16.30 – 17:00	Archaeological targets of the Summer School prospection activities at Veii U. FUSCO (UNIVERSITY OF ROME TOR VERGATA)
17:00 – 17.30	Break



17.30 – 19.00 Introduction to Geophysical Prospection applied to Archaeology
S. PIRO (ITABC-NATIONAL RESEARCH COUNCIL OF ITALY)

DAY 2 - 19.06.24

9:00 – 11:00 Earth Resistance and Magnetic Susceptibility in Archaeological Prospection
G.MORELLI (GEOSTUDI ASTIER)

11:00 – 11:30 Break

11:30 – 13:30 Theory and practice of the fast electrical imaging system ARP: application to
different archaeological sites and their Hinterlands
M. DABAS (ENS PARIS)

13:30 – 15:00 Lunch

15:00 – 19:30 *Fieldwork at Veii ARP and ERT survey* (GEOCARTA&GEOSTUDI ASTIER)

DAY 3 - 20.06.24

9:00 – 11:00 Integrated Archaeological Prospection of Former Town Sites
F. VERMEULEN, L. VERDONCK AND D. Taelman (Ghent University)

11:00 – 11:30 Break

11:30 – 13:30 *Fieldwork at Veii Drone-based magnetometry by NOVATEST Engineering
Solutions, GPR multichannel survey & borehole survey* (CNR, GEOSTUDI
ASTIER, University of Ghent)

13:30 – 15:00 Lunch

15:00 - 19:00 *Fieldwork and data processing at Veii GPR multichannel, single channel
survey and borehole survey* (CNR, GEOSTUDI ASTIER, University of Ghent)

DAY 4 - 21.06.24

9:00 – 13:30 *Fieldwork and data processing at Veii Magnetic survey, GPR multichannel
and borehole survey* (CNR, GEOSTUDI ASTIER, University of Ghent)



- 13:30 – 15:00 Lunch
- 15:00 – 19:00 *Fieldwork and data processing at Veii Magnetic survey, GPR multichannel and borehole survey (CNR, GEOSTUDI ASTIER, University of Ghent)*
- 20:30 Social dinner

DAY 5 - 22.06.24

- 10:30 Presentation of certificates and closing session of the International Summer School in Archaeology

DAY 2-3-4 – 19/21.06.24

FIELD DATA ACQUISITION AND DATA PROCESSING

Depending on the number of students attending the school we will consider the option dividing them into two groups (G1-G2). In the morning one group will operate in the field while the other will work in the lab. In the afternoon the groups will be switched.

DAY	GROUPS	9:00-13:30	15:00-19:00
2 19.06.24	G1	-	ARP and ERT survey
	G2	-	Data processing in the Lab
3 20.06.24	G1	GPR multichannel and single channel survey and borehole survey	Data processing in the Lab
	G2	Data processing in the Lab	GPR multichannel and single channel survey and borehole survey
4 21.06.06	G1	Magnetic survey, GPR multichannel and borehole survey	Data processing in the Lab
	G2	Data processing in the Lab	Magnetic survey, GPR multichannel and borehole survey

DAY 4 - 21.06.24

- 20:30 Social dinner