

Progetto Speciale per la didattica - Ateneo di Pisa (I semestre, a. a. 2019-2020)

Dalla terra alla scienza, dalla scienza alla storia



Archeologia e archeometria per la ricostruzione del passato nel cantiere della Villa tardo antica dei Vetti (Capraia e Limite – FI)

Workshop and field work: “Non-destructive and non-invasive methods for in situ diagnosis of Cultural Heritage materials”

Program

09 September 2019

h 19:00 Welcome walking tour at Pisa city centre

10 September 2019

h 8:30 Departure from Pisa to Villa dei Vetti (Capraia e Limite sull'Arno, Florence)

h 9:30 **Welcome at the archaeological site**

h 10:00-12:00 **Peter Vandennebeele & Anastasia Rousaki, UGent**
Workshop: “Analytical techniques for art and archaeology. Raman and XRF spectroscopic techniques: basics, potential and limits”

h 12:30-13:30 Lunch break

h 14:00-17:00 **Peter Vandennebeele & Anastasia Rousaki, UGent**
Practical session: “Portable XRF and portable Raman spectroscopy: how to use them? How to improve experimental condition during in situ measurements?”

Field work on Mosaico della Caccia

h 17:00-18:00 Trip back to Pisa

11 September 2019

h 8:30 Departure from Pisa to Villa dei Vetti (Capraia e Limite sull'Arno, Florence)

9:30 - 10:30 **Peter Vandennebeele & Anastasia Rousaki, UGent**
Workshop: “Portable vs benchmark set ups: how to improve knowledge by integrating analytical data from field work and laboratory analysis”

h 10:30-11:30 **Peter Vandennebeele & Anastasia Rousaki, UGent**
Practical session: “Analysis campaign on marble slabs and other stone, glass and ceramics materials found in the archaeological excavation”

h 11:30-12:30 **Peter Vandennebeele & Anastasia Rousaki, UGent**
Practical session: “How to process and interpret data spectroscopic data”

h 12:30-13:30 Lunch break

h 14:00-17:00 **Peter Vandennebeele & Anastasia Rousaki, UGent**
Field work and measurement campaign on the archaeological site

h 17:00-18:00 Trip back to Pisa

12 September 2019

h 8:30 Departure from Pisa to Villa dei Vetti (Capraia e Limite sull'Arno, Florence)

h 9:30 - 12:30 **Video-clip shooting for the video collection “Raccontare la ricerca”** produced by the University of Pisa

h 12:30 - 13:30 Lunch break

h 14:00-17:00 **Peter Vandennebeele & Anastasia Rousaki, UGent**
Field work and measurement campaign

h 17:00-18:00 Trip back to Pisa

13 September 2019

h 8:30 Beginning of the field activities

h 9:30-12:30 **Peter Vandennebeele & Anastasia Rousaki, UGent**
Field work and measurement campaign

h 12:30 - 13:30 Lunch break

h 14:00-17:00 **Peter Vandennebeele & Anastasia Rousaki, UGent**
Field work and measurement campaign

h 17:00-18:00 Final discussion and end of the activities



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