

Location & Organiser



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COST Action SAGA (CA17131)

The training school will be held in Auritz (Navarre) between 29/7/2019 – 2/8/2019 and will focus on the study of an important Roman site (Iturissa/Zaldua). The training school is free and travelling and accommodation expenses of participants can be supported by the SAGA funding.

The 'Soil science & Archaeo-Geophysics Alliance' (SAGA) is a new interdisciplinary network of scientists. SAGA develops, promotes and facilitates research activities, bringing together archaeo-geophysics and soil science, with the overall goal of maximising interpretation of proxy data for archaeological purposes. The network is funded by the European Cooperation in Science and Technology (COST).

# Introduction to the Use of Geophysical & Soil Science Methods in Archaeology

# Training School

Auritz/Burguete, Navarre, 29 July - 2 August 2019



Theoretical & hands-on sessions  
Addressed to students & professionals  
Apply for a **SAGA Trainee Grant**  
**Deadline for registration 15 June 2019**

Local Collaborators



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Grant Holder



## Summary

The archaeological site of Iturissa/Zaldúa has been chosen to host the First SAGA Training School. The training school will be held in Auritz (Navarre) between 2019/07/29 – 2019/08/02.

The training school will address the basis of the most-used geophysical and soil science methods used in archaeological prospection and characterisation, together with the interactions between them.

Theoretical sessions will be complemented with hands-on sessions at the archaeological site of Zaldúa.

Master students, PhD candidates, postdoctoral researchers, field archaeologists, curators and other professionals working in cultural heritage management can apply to attend the training school.

## Learning Outcomes

1. Understand the basis of the most-used archaeological-geophysical techniques.
2. Understand the basis of complementary archaeological-geochemical surveys.
3. Understand benefits of incorporating soil science and geophysics before, during and after excavation planning phase.
4. Develop competencies in evaluating the most suitable approach to improve archaeological interpretation of geophysical data.
5. Develop skills to apply geophysical techniques and soil analyses for improving archaeological research.

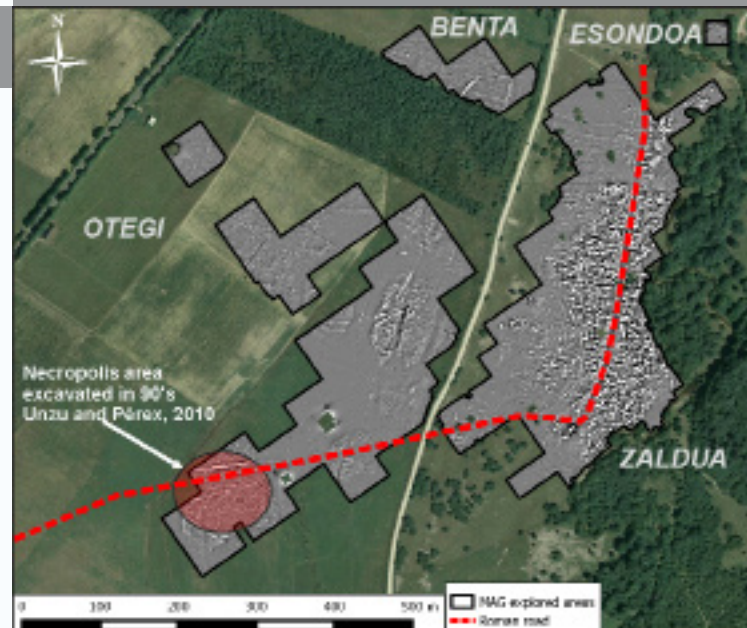
## The Site

The Roman site of Iturissa/Zaldúa is located in the north-east of Navarre, between the cities of Auritz/Burguete and Aurizberri/Espinal. This area lies on the southern side of the Pyrenees range, in a natural pass through the mountains.

After its discovery in 2012, geophysical methods have been extensively used to delimit and characterise this Roman city which may be the ancient city of Iturissa described by Ptolemy in the 2nd century AD.

Some complementary geoarchaeological surveys have been also performed and excavations are conducted each summer directed by Aranzadi Society of Science and the Museum of London Archaeology (MOLA).

Indeed, this site is a reference in terms of integrating geophysical and geoarchaeological methods in archaeological research, making it an ideal place to host this training school.



(Magnetic response map of the site at Zaldúa, -8nT black, +8 nT white, from Garcia-Garcia et al., 2011.)

## SAGA Trainee Grant

Applicants can apply for a SAGA Trainee Grant, which is a contribution to the overall travel, accommodation and meal expenses of the Grantee.

Trainees must be engaged in an official research programme as a PhD Student or postdoctoral fellow or can be employed by, or affiliated to, an institution, organisation or legal entity which has within its remit a clear association with performing research.

Other conditions can be seen in the section 6 of the COST Association Vademecum (<https://www.cost.eu/wp-content/uploads/2019/05/Vademecum-May-2019.pdf>).

Submit your application using this form  
[http://cort.as/-Hd\\_x](http://cort.as/-Hd_x)  
before **15 June 2019**

## Contacts



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