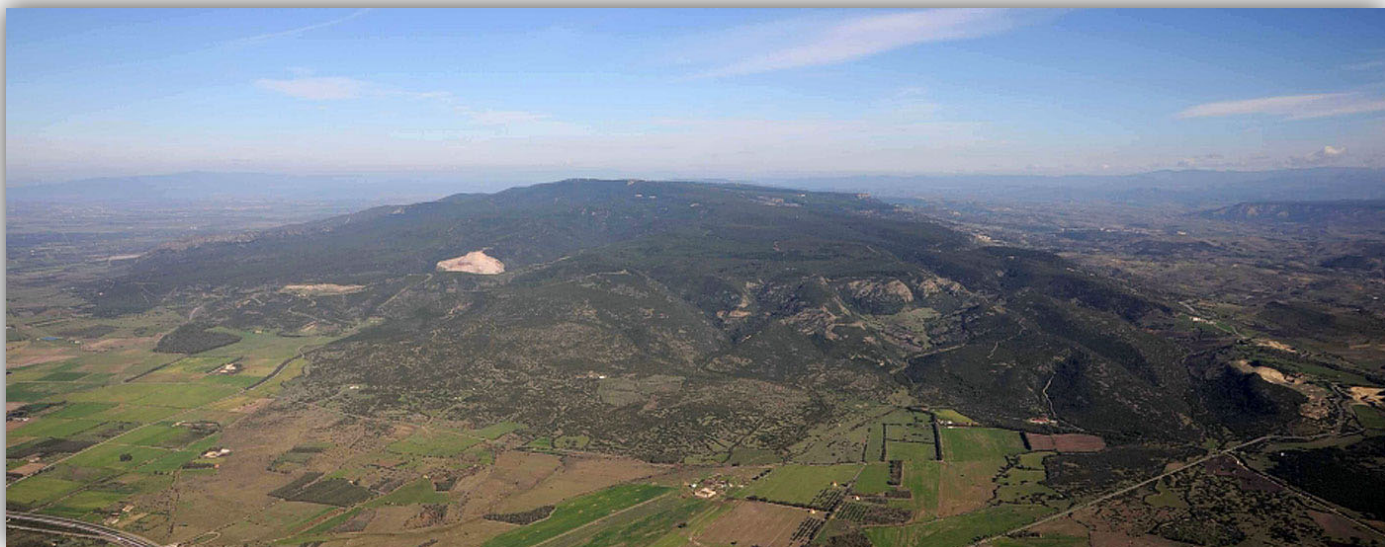




VIII Seminar of Prehistoric Technology

## PRODUCTION OF OBSIDIAN TOOLS, ITS DISTRIBUTION AND USES IN THE WESTERN MEDITERRANEAN NEOLITHIC

CSIC-IMF, Barcelona, November 27 to 29, 2019.

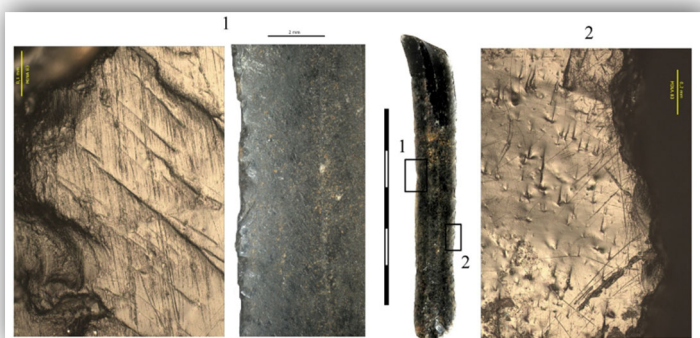


The **Group of Archaeology of Social Dynamics** (<http://www.asd-csic.es/>) of the CSIC (Spanish National Research Council, Institute Milá y Fontanals, Barcelona) is carrying out this year the **VIII edition of the Seminars of Prehistoric Technology** (<http://stecnologiaprehistorica.blogspot.com/>).

this basin: **Corsica and Sardinia**. The sources of this raw material are located in four Italian islands: **Sardinia, Lipari, Palmarola and Pantelleria**, and their lithic productions were widely distributed during the **Neolithic** period, reaching the **French Midi**, as well as the **Northeast of the Iberian Peninsula**.

**THE SEMINAR WILL BE FOCUSED ON OBSIDIAN TOOLS, THEIR PRODUCTION, DISSEMINATION AND USES IN THE NEOLITHIC OF THE WESTERN MEDITERRANEAN.**

The exploitation of obsidian in the western Mediterranean was a recurrent phenomenon in the prehistory of the **Ligurian and Tyrrhenian areas of the Italic Peninsula**, as well as the great islands of



In addition to the question of its geochemical characterization and the determination of its **origin**, the Seminar will focus on the study of the techniques applied in the **production** of blade tools in the Neolithic of the Western Mediterranean. We will particularly examine **indirect percussion and pressure knapping** according to different modalities, in addition to the experimental reproduction of said productions.

Finally, we will approach its prehistoric uses based on **functional (use-wear)** analysis through the study of its traces of use.

All this results in a **holistic approach** to these productions that had a relevant role in the first moment of the **neolithization**, as well as in the **Middle Neolithic** when networks of interchange were instituted that led to their distribution in a large geographical area within the **Western Mediterranean**.

**KEY WORDS:** PREHISTORY; OBSIDIAN; GEOCHEMICAL CHARACTERIZATION; TECHNOLOGY; LAMINAR PRODUCTION; USE-WEAR TRACES.

**PROFESSORS** (provisional list subject to changes):

- **Mikel Aguirre** (Universidad Nacional de Educación a Distancia).
- **Juan F. Gibaja** (Consejo Superior de Investigaciones Científicas – IMF, Barcelona).
- **Evgeny Y. Girya** (Institute for the History of Material Culture, Russian Academy of Sciences).
- **Juan J. Ibáñez** (Consejo Superior de Investigaciones Científicas – IMF, Barcelona).
- **François-Xavier Le Bourdonnec** (Université Bordeaux Montaigne).
- **Carlo Lugliè** (Università degli studi di Cagliari).
- **Niccolò Mazzucco** (Consejo Superior de Investigaciones Científicas – IMF, Barcelona).
- **Maria Grazia Melis** (Università degli Studi di Sassari).
- **David Ortega** (Consejo Superior de Investigaciones Científicas – IMF, Barcelona)
- **Antoni Palomo** (Museu d'Arqueologia de Catalunya, Barcelona).
- **Xavier Terradas** (Consejo Superior de Investigaciones Científicas – IMF, Barcelona).

**SEMINAR STRUCTURE:** As usual in the Seminars of Prehistoric Technology, the contents of the Seminar will include training in analysis and research techniques. The Seminar will have a significant number of **practical sessions** and will encourage the active participation of students, suggesting them to share specific issues of their own research in relation to the subject.

**POTENTIAL STUDENTS:** The Seminar is aimed at any student or researcher who can find the Seminar of their interest. Additionally, this edition is specially designed for **junior archaeology researchers and researchers in training**, understanding as such the people in their last years of a university degree and Master students, in addition to those who begin their post-doctoral stage.



**LANGUAGES OF THE SEMINAR:** Spanish, French, English and Italian, according to the teaching staff. The use of **English as a vehicular language** in the written and audio-visual support material will be encouraged. The scientific staff of the ADS group will facilitate the translation during the discussions and debates.

**PROVISIONAL SCHEDULE:** Sessions will be from 9:30 am to 1:30 pm and from 3:30 pm to 5:30 pm.

**REGISTRATION FEE:** 70 €

**E-MAIL FOR INFORMATION REQUESTS:**

[tecnologiaprehistorica@imf.csic.es](mailto:tecnologiaprehistorica@imf.csic.es)

The organizers **encourage all interested persons to express their commitment** by writing to the address cited here. E-mails can include a brief description of CV of the persons interested, the reason for their interest in the seminar and what aspects are most relevant for them in the proposed program. This will help us to **adjust the seminar and its contents to the interest of most of the potential students**.

**Organizers:** CSIC-Group of *Archaeology of Social Dynamics* (F. Pichon, A. Nieto Espinet, S. Guimaraes, S. Valenzuela-Lamas, N. Mazzucco, F. Borrell, X. Terradas, J. J. Ibáñez, I. Clemente-Conte, J.F. Gibaja, M. Mozota) y Silvia C. Mossoni.



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