



Session: #871

Not Just Wear: The Synergy of Trace Analysis with Other Disciplines and Non-Invasive Techniques in Archaeology.

Organisers

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Content:

Trace analysis stands as a well-established methodology, contributing significantly to the interpretation of socio-cultural and economic aspects within ancient communities.

Understanding the importance of wear on the surfaces of archaeological remains — linked to technological and functional aspects— involves using shared protocols. These protocols include standardized procedures for both macroscopic and microscopic observation. Notably, over the last decade, there is been a growing emphasis on applying additional quantitative methods. These methods specifically investigate details of the microtopography related to wear.

While trace analysis can be individually applied to study archaeological remains, its value as an independent, non-invasive, and non-destructive analytical method is maximized when combined with other independent analyses (such as residue analysis, technological analysis and raw material studies) and/or related disciplines (including zooarchaeology, paleobotany, and anthropology). This holistic approach not only strengthens confidence in the interpretation of traceological results but also enhances the reliability of archaeological interpretations.

This session is aimed to involve the participants to discuss about:

- 1- the integration of traceological studies with other disciplines and/or techniques as an avenue for methodological improvements;
- 2- the benefits of using traceology integrated with other methodologies to identify and interpret the archeological evidence;
- 3- the limits and the critical aspects of combining different approaches and the suggestions for overcome these constrains.

We invite scholars to present cases studies from Paleolithic to Medieval Era dealing with multidisciplinary methodologies including macro and microscopic analysis of technological and/or functional aspects of material culture. We encourage contributions exploring materials beyond stone, such as ceramics, metal, hard animal materials, wood, and glass. Additionally, we invite submissions covering diverse surfaces, ranging from objects and artwork to architectural features.

Paper submission deadline: February 8th, 2024

Poster submission deadline: April 8th, 2024

All further information on: <https://www.e-a-a.org/ea2024>

