

## **Characterization by high resolution microscopies and spectroscopies of various Early Bronze Age artifacts from Motya and Jericho**

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The presentation will focus on the characterization of Early Bronze Age artifacts from the island of Motya and Jericho, with the aim of their archaeometric identification and technological assessment. The use of advanced high-resolution microscopy and spectroscopic techniques, such as micro-Raman spectroscopy, has made it possible to determine their origin, nature, and composition, as well as to identify evidence of a high level of technological expertise in artifacts recovered from archaeological excavations. These distinctive features highlight highly developed techniques in the selection of materials and in their processing and application.