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Archaeology and Chemistry: between the field and the laboratory

Abstract

The coordination between archaeologists and scientists from other fields of knowledge is long-standing, dating back at least to the 19th century. Even so, it developed exponentially from the second half of the 20th century onward, becoming indispensable in recent years.

The contribution of other sciences to the production of knowledge about ancient human groups has grown steadily. I have been collaborating for years with colleagues from Instituto Superior Técnico, at the Loures Campus, on research projects related to the topics that have been the focus of my work, particularly those concerning the chronology of Phoenician colonization.

No less important are the issues related to metallurgical production, for which the contribution of researchers from Técnico has proven essential.



Professor Ana Margarida Arruda

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BACKGROUND

Ana Margarida Arruda is a Full Researcher and Professor in Lisbon University (School of Arts and Humanities), retired. Her research is focused in Ancient History, Phoenician and Roman archaeology and Greek pottery. She publishes several papers in scientific and indexed journals and she is author of some books and chapters about Greek pottery and Phoenicians in Portugal.

She was Principal Resercher of two national funding projects (Fundação para a Ciência e Tecnologia), one about Iron Age and Roman times in Castro Marim (Algarve) and the other dedicated to the Phoenician in the Tagus river. She was a researcher in five funding projects carried out in Spain, directed by colleagues from the Autónoma de Madrid University, Complutense de Madrid University and Instituto de Arqueologia de Mérida.

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