

Job Vacancy PhD position, ERC-Project Bronze Age Tin (FP7/SP2-Ideas)

Veröffentlicht am [1. Juni 2015](#)

The Curt-Engelhorn-Centre for Archaeometry gGmbH

is seeking a **PhD candidate in European and Mediterranean Archaeology**

(part time position, 37 months, temporary contract)

The Curt-Engelhorn-Centre Archaeometry gGmbH is a nationally and internationally operating research institute providing services in the field of archaeometry. Founded in 2004, the institute comprises the Laboratory for Material Analysis and the Klaus-Tschira-Archaeometry-Centre for Dating Methods and is associated with the University of Heidelberg.

We invite applications for a PhD candidate in European and Mediterranean Archaeology as part of a highly transdisciplinary research project (funded by the European Research Council, 7th Research Framework Programme) which focuses on archaeology, history, geochemistry and geology to decipher the enigma of the origin of a material that emerged in the third millennium BC and gave an entire cultural epoch its name, namely the alloy of copper and tin called bronze.

With the new possibility to measure the isotope ratios of tin that exhibit small but measurable variations in nature making different tin deposits identifiable so that bronze objects can in principle be related to specific ore deposits. It is the aim of this study to characterize all known tin deposits in the Old World and relate them to bronze and tin artefacts of the third and second millennia BC.

Responsibilities – Tasks

- preparing chemical and typological classification of EBA bronze artifacts in Central and Southeastern Europe
- chemical and isotopic characterization of tin ore deposits
- participating in field surveys related to these subjects
- assessing the possible supply of palace economies of the LBA in the Eastern Mediterranean with tin metal from Iberia and the British Isles
- studying the spread of bronze technology from the Aegean to southeastern Europe

Qualifications – Required Skills

Master's degree in geoscience or science-based archaeology Knowledge in clean-lab procedures and isotope measurements with MC-ICP-MS and/or TIMS Open-mindedness to new fields of work Computer skills related to data analysis, proficiency in Microsoft Office applications Sense of responsibility, team spirit, autonomous working, flexibility

How to Apply

Applicants shall submit an application package including a covering letter, CV, copies of degree certificates and salary expectation as a pdf file (other file formats will not be accepted) via email to elka.duberow@cez-archaeometrie.de (please include subject: "BronzeAgeTin") or via regular mail to Curt-Engelhorn-Centre for Archaeometry, HR department, C4,8, 68159 Mannheim, Germany. Open until filled.

Your contact person: Prof. Dr. Ernst Pernicka, ernst.pernicka@cez-archaeometrie.de

Application deadline: 15th of June 2015