

As part of the DFG project “Stone Age Engineering: Investigating Adhesive Making and Ochre Heat Treatment in Southern Africa and Europe,” a position is available at Eberhard Karls University of Tübingen for a

PhD candidate (m/f/d) (65% E13 TV-L, limited to 3 years)

with a focus on archaeometry and heat treatment of ochre.

The research project is closely linked to a DFG Heisenberg project led by the principal investigator (PI) and aims to investigate the evolutionary significance of transformative Stone Age techniques, such as color enhancement of pigments, in Africa and Europe.

Requirements include a university degree (master's or equivalent) in archaeometry, mineralogy, or materials science, as well as the motivation to develop fundamental new data on the heating processes of ochre and the willingness to work in a team.

Another requirement is the willingness to conduct field research (collection of raw materials, experiments) in South Africa and Europe for several weeks, as well as extensive laboratory experiments. This includes, among other things, conducting heating experiments to investigate the mineralogical and chemical transformation of iron oxides under variable conditions.

Disabled persons will be given preferential treatment if equally qualified. The University of Tübingen is committed to the goals of equality and diversity and actively promotes equal opportunities. The university strives to increase the proportion of women in research and teaching and therefore encourages suitably qualified female researchers to apply.

Applications with a CV and letter of motivation should be sent by December 31, 2025, to: Dr. Patrick Schmidt, University of Tübingen, Department of Earth Sciences, Wilhelmstrasse 56, 72074 Tübingen. Applications in PDF format sent by email are preferred: **patrick.schmidt@uni-tuebingen.de**