



UNIVERSITÄT
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ZUKUNFT
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rem

Klaus-Tschira-Archäometrie-Zentrum
an der Universität Heidelberg

ein Institut der CEZ Archäometrie gGmbH

Institutsdirektor/Scientific Director
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JOB VACANCY

Director of the Klaus-Tschira Laboratory for Archaeometry (AMS radiocarbon analysis)

The Curt-Engelhorn-Centre for Archaeometry gGmbH, Mannheim, Germany (CEZA), a non-profit research organization associated with the University of Heidelberg, Germany, has an opening for the director of the Klaus Tschira Laboratory for Archaeometry (KTA). The KTA conducts AMS ^{14}C analyses in various fields, such as establishing chronologies for archaeological projects and determination of fossil vs. modern components in various organic compounds and authentication tests. Presently strong expertise exist in tree-ring based radiocarbon calibration in the close collaboration with the tree-ring archive at the University of Hohenheim, Germany. Research projects are conducted in close collaboration with groups at the Institute of Environmental Physics at the University of Heidelberg (IUP).

The successful candidate is expected to

- direct the routine operation of the laboratory, including the MICADAS spectrometer
- supervise the performance and quality assurance of the laboratory at the highest possible level
- communicate comprehensive reports of results to external submitters of samples
- acquire new projects and advise partners in archaeology and geosciences in all aspects of the radiocarbon technique
- collaborate closely with the research groups at CEZA and IUP
- present the scientific work of the laboratory at the international level and in peer-reviewed journals
- engage in research initiatives on the national and European level and seek appropriate funding
- supervise master and PhD students as far as ^{14}C AMS techniques are concerned

A substantial part of the work at the KTA will consist of ^{14}C analyses of utmost accuracy within the long-term European Integrated Carbon Observation System (ICOS), for which the ^{14}C part is coordinated at IUP. Close collaboration and extensive quality control is mandatory in this project.

Applicants should have a PhD in physics or similar qualification. Experience in AMS sample preparation, AMS spectrometer operation and familiarity with radiocarbon methods is desired.

The appointment will be a long-term position with salary equivalent to TVÖD.

Your application must include a cover letter, curriculum vitae, research interests and publication list. It should be addressed to CEZ Archaeometrie gGmbH, C4,8, D-68159 Mannheim, Germany. Contact persons are listed above.

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