Johannes Gutenberg University Mainz (JGU) is one of the largest universities in Germany. Thanks to its location in the Rhine-Main science region, the university can unfold to its full potential and showcase its innovative power and dynamism. Its status as a comprehensive university allows for multidisciplinary learning and teaching and has great potential for internationally renowned, interdisciplinary research. Almost all of its institutes are located on a single campus close to the Mainz city center – creating a lively academic culture for researchers, teaching staff, and students from every continent.

**Faculty 09: Chemistry, Pharmaceutical Sciences, Geography and Geosciences / Department of Chemistry / Research Groups Chemistry / Heavy Ions Reactions of Johannes Gutenberg University Mainz**

**Academic staff member**

**Part time (50%)**

The position is part of the DFG-funded project „Ion Mobilities for Heaviest Element Identification“, which aims at systematic ion-mobility measurements across the actinides. Besides elucidating the impact of electronic structure on the ion drift, the investigations may help to better understand fundamental ion-atom interactions and bear a great potential in the development of future technologies of element identification at miniscule sample amounts.

**Your tasks:**

The successful candidate will help in the design and assembly of the ion mobility mass spectrometers and will develop the experiment control and data acquisition. After the commissioning of the setup, the candidate will perform ion mobility measurements on selected actinide samples and publish the results in peer-reviewed journals.

**Your profile:**

In addition to the general requirements according to public services law, applicants must meet the recruitment requirements stipulated in § 57 of the *Hochschulgesetz* of Rhineland-Palatinate.

- a successfully completed scientific university degree
- Masters, Diploma or equivalent degree in Physics or Chemistry
- good communication skills in English (both verbal and written)
- familiarity with mass spectrometry and gas chromatography will be considered an advantage
- a sound background in electronics is desirable
- good knowledge of computer programming (such as C++) is desirable
- experience with CAD packages (e.g. Auto-CAD) will be considered as an added qualification.

**What we have to offer:**

- a challenging and varied position in a qualified team and comprehensive additional benefits, in particular, annual bonus payment, participation in a pension programme for the public sector through VBL
- jobticket, optional for the entire Rhine-Main area
- extensive human resources development offer
- flexible working time arrangements

The position is paid according to **EG 13 TV-L and to be filled as soon as possible**. The position is limited to a period of 2 years.

The position serves the purpose of academic qualification (doctorat).

JGU is diverse and welcomes qualified applications from people with varied backgrounds.

We aim to increase the number of women in the field of research and teaching and therefore encourage female researchers to apply.

Candidates with severe disabilities and appropriate qualifications will be given priority.

Are you ready for a new challenge and interested in this varied and responsible position? Then submit your complete application by **August 31th, 2021**, preferably via the „Apply now“ button.

For questions and further information please contact Dr. Mustapha Laatiaoui, e-mail: mlaatia@uni-mainz.de or Univ.-Prof. Dr. Michael Block, e-mail: block@uni-mainz.de

**Data protection information**

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