



To strengthen our team in the division "Inorganic Trace Analysis" in Berlin-Adlershof, we are looking for a

## **Ph.D. Student (m/f/d) in the field of Chemistry, Analytical Chemistry, Bioanalysis**

Salary group 13 TVöD

Temporary contract for 36 months

Part-time employment (65%)

The Bundesanstalt für Materialforschung und -prüfung (BAM) is a materials research organization in Germany. Our mission is to ensure safety in technology and chemistry. We perform research and testing in materials science, materials engineering and chemistry to improve the safety of products and processes. At BAM we do research that matters. Our work covers a broad array of topics in the focus areas of energy, infrastructure, environment, materials, and analytical sciences. We offer an excellent work environment, located in Berlin, with state of the art research infrastructure and special laboratories.

We are looking for talented people to join us.

### **Your responsibilities include:**

- Development of methods for multi-elemental single cell analysis via ICP-time of flight-mass spectrometry (ICP-ToF-MS)
- Development of new matrix removal as well as sample introduction methods for single cell applications via microdroplet generators (MDG)
- Application to biological samples
- Development of statistical assessment tools
- Publication of the results in peer-reviewed journals
- Presentation of the results on inter-/national scientific conferences

### **Your qualifications:**

- Successfully completed scientific education (Diploma/Master) in Chemistry, Analytical Chemistry, Bioanalysis or related subjects
- Knowledge in analytical chemistry, in elemental-mass spectrometry (ICP-MS)
- Knowledge in statistics
- Good knowledge of data evaluation tools (EXCEL, ORIGIN)
- Very good skills in English language (spoken and written)

### **We offer:**

- Interdisciplinary research at the interface of politics, economics and society
- Work in national and international networks with universities, research institutes and industrial companies
- Outstanding facilities and infrastructure
- Flexible working hours, mobile working

**Your application:** We welcome applications via the online application form by 26.08.2020. Alternatively, you can also send your application by post, quoting the reference number 178/20-1.1 to:

Bundesanstalt für Materialforschung und -prüfung  
Referat Z.3 - Personal  
Unter den Eichen 87  
12205 Berlin  
GERMANY  
[www.bam.de](http://www.bam.de)

Dr. Meermann will be glad to answer any specific questions you may have. Please get in touch via the telephone number +49 30 8104-1110 and/or by email to [Bjoern.Meermann@bam.de](mailto:Bjoern.Meermann@bam.de).

BAM pursues the goal of professional equality between women and men. We therefore particularly welcome applications from women. In addition, BAM supports the integration of severely disabled persons and therefore expressly welcomes their applications. With regard to the fulfilment of the job advertisement requirements, the application documents are examined individually. Recognised severely disabled persons will be given preferential consideration if they are equally suitable.

The advertised position requires a low level of physical aptitude.

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**[I am interested and would like to apply](#)**

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BAM actively supports the compatibility of work and family and has been certified as a family- and life-phase-conscious employer by the "audit berufundfamilie" since 2015.

