Job advertisement

The Paleoceanography and Marine Geology group (Prof. Dr. J. Gottschalk) at the Institute of Geosciences, Kiel University, Germany, is seeking a

Research Scientist (with PhD)

with research expertise in the fields of marine geochemistry, paleoclimatology, or a related discipline, to support the research and teaching agendas of the Inorganic Geochemistry Laboratory at the Institute of Geosciences as a laboratory manager. The position is to be filled as soon as possible, and is initially limited for three years. The position comes with a possibility of tenure. The salary is based on the German public pay scale (TV-L E14) if the conditions of the public pay scale agreement are met. The candidate should hold a PhD in a relevant field. The regular weekly working hours are 100% of a full-time employee (38.7 hours). Candidates from both early to advanced/senior career levels, with a proven record of high quality research and analytical expertise in the area of marine geochemistry and/or a related field are invited to apply for this position.

The Inorganic Geochemistry Laboratory is an internationally renowned research and laboratory facility that operates a number of analytical instruments for the determination of (trace-) element concentrations and isotopes in geological and environmental samples. The analytical instruments of the laboratory include ICP-MS/MS, ICP-SF-MS, ICP-OES and two laser ablation systems coupled to ICP-QMS, as well as (ultra-)clean laboratory facilities. The Inorganic Geochemistry Laboratory is a central analytical unit of the Institute of Geosciences that is used by a number of working groups with various research backgrounds, including paleoceanography, (micro-)paleontology, historical geology, petrology, mineralogy, coastal sedimentology, and applied geosciences. It also provides frequent services to national and international researchers. The Inorganic Geochemistry Laboratory is a core facility that promotes teaching, research, and knowledge exchange within the Institute of Geosciences at Kiel University.

The successful candidate will:

• have significant experience and expertise in performing elemental and isotopic analyses with ICP-based techniques and/or laser ablation for in situ microanalysis of various geological and environmental samples, including sample preparation
• organize, manage, and ensure the operation of the Inorganic Geochemistry Laboratory, including safety management, financial oversight, quality control of analytical data and the development of innovative analytical methodologies to improve capabilities and efficiency
• develop and perform cutting-edge research projects in the field of geochemistry, paleoclimatology, or related disciplines, promoting the use of elemental and isotopic proxies in marine climate research for instance
• disseminate scientific results in peer-reviewed publications and at national and international conferences
• contribute to the teaching curricula of the Master and Bachelor programs at the Institute of Geosciences, particularly in the field of geochemistry, paleoclimatology or geology
• coordinate, train, and/or instruct the laboratory’s technical staff, as well as internal and external researchers, and collaborate with technical specialists to support and foster high-quality, cutting-edge and safe laboratory operations

The position offers:

• the opportunity for own research within the fields of geochemistry, paleoclimatology, or related disciplines, based on the analytical approaches provided by our state-of-the-art laboratory facilities and (ultra-)clean laboratory environments
• the opportunity to conduct and develop cutting edge research and new analytical approaches
• an excellent multidisciplinary research environment at Kiel University, in particular within the university’s focal research area Kiel Marine Science (KMS), and other institutions in the Kiel area

Qualifications:
• a PhD degree in geochemistry, paleoclimatology, Earth Sciences, or a related discipline
• a proven track record of high-quality research at the international level in (analytical) geochemistry, paleoclimatology, Earth Sciences, or another relevant discipline
• good communication and teamwork skills
• experience and interest in leading, mentoring, and developing a team, as well as teaching and mentoring geoscience students
• very good English language skills (written and spoken)
• willingness to participate in land- and ship-based field work, and to travel internationally

Kiel University considers itself a modern and cosmopolitan employer. We welcome your application regardless of age, gender, cultural and social origin, religion, ideology, disability, or sexual identity. We promote gender equality.

The university also supports the employment of disabled persons. Persons with disabilities will, with appropriate qualification and aptitudes, be employed preferentially. The university strongly encourages women with appropriate qualifications to apply for the position. Women with equivalent qualifications, competence, and expertise will be given preference. We also support the application of people with a foreign background.

We look forward to receiving your application that includes the following documents:
• a curriculum vitae with a list of publications, previous third-party funding, and teaching experience
• a research statement outlining your interest and ability to attract research funding and develop an independent program of research
• a teaching statement demonstrating your experience and ability to teach topics within the field of geochemistry and geosciences effectively
• copies of relevant diplomas or transcripts, including your PhD certificate
• contact details of three referees

Please send your complete application (as a single pdf-file) via email by March 20th, 2022 to:
Prof. Dr. Julia Gottschalk
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For further information, please contact Prof. Dr. J. Gottschalk
(Email: julia.gottschalk@ifg.uni-kiel.de, Phone: +49 431 880 3040)
or visit the following websites:
https://www.marineclimateresearch.ifg.uni-kiel.de/de/labore/icp-ms
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