

Contact

Stephanie Kögler
Personnel Affairs
s.koegler@hzdr.de
Phone: +49 351 260 - 3231
Fax: +49 351 260 - 13231

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Vacancy Notice No. 36E/2017

A member of the Helmholtz Association of German Research Centers, the HZDR employs about 1,100 people. The Center's focus is on interdisciplinary research in the areas energy, health, and matter. All research is conducted in close collaboration with other members of the Helmholtz Association as well as with universities, non-university affiliated research institutes, and industry.

For additional information please visit: <https://www.hzdr.de>.

Helmholtz Institute Freiberg for Resource Technology invites applications as

Senior scientist (m/f) (Group leader: Sensor systems in the resource industry)

to establish a research group for the development and application of sensors in the raw materials industry. The position will be available at the earliest possible date. The employment contract is limited to two years, which can be extended to a fixed appointment depending on performance. The working time will be 39 hours. The salary is based on the collective agreement TVöD-Bund. The place of work is Freiberg.

Requirements:

- PhD in electrical or electronic engineering, experimental or applied physics, or related fields of research
- in-depth knowledge of the development of complex multi-sensor data analysis techniques and applications within the context of industrial process resource processing technology
- relevant experience in (international) industrial research
- competitive international publication record
- fast comprehension, independent style of working, team player with the willingness to integrate into a research environment
- interdisciplinary
- excellent English language skills (oral and in writing) are essential in a very international group, German language skills is advantageous
- industrial experience in the raw materials/mining industry would be an advantage

Tasks:

- building and leading a research group in the area of "Sensors in the raw materials industry" at the HIF
- integration of the new research group into the existing research activities at HIF
- establishment of collaborative research with the local and global raw materials industry
- active contribution to the alignment of the HIF within the context of the program-oriented funding of the Helmholtz Association of German Research Centers

If you have any questions, please contact Prof. Dr. Dr. h.c. Markus Reuter, Tel.: +49 351 260 - 4411 or Prof. Jens Gutzmer, Tel.: +49 351 260 - 4412

Kindly submit your completed application (including cover letter, CV, diplomas/transcripts, etc.) by 31 May 2017 **only** via **Online application** ([E](#))

The HZDR is committed to equal opportunity employment and we strongly encourage applications from qualified female candidates. We also encourage applications from job candidates with severe disabilities.

Helmholtz-Zentrum Dresden-Rossendorf
Personnel Department
PO Box 51 01 19
01314 Dresden