

Assistant Director (f/m/d) of the new center for interdisciplinary nuclear verification research

Our profile

For nuclear disarmament and nonproliferation, it is essential to verify whether states comply with the relevant agreements. In the consortium *VeSPoTec*, funded by the German Ministry for Education and Research, scientists, political scientists and sociologists explore the complex interdependencies between technology, politics and cooperation behavior in this area in order to build up a new regional hub for verification research. Particular emphasis is placed on the question how confidence-building and verification mechanisms must be designed to meet new challenges in a complex and unpredictable multipolar world. To this end, practical proposals will be developed. At the same time, the interdisciplinary approach and theoretical framing shall lead to a broader scientific concept to found a new *Center for Technology and Global Security* after the first funding period.

The consortium consists of five Principle Investigators, the Assistant Director, seven further scientists and partners. Several universities and research institutions are involved. In addition to the overall coordination, the research group Nuclear Verification and Disarmament will work on physics aspects such as verification methods based on computational and data science as well as measurement techniques.

Your profile

We are looking for a personality who seeks to use her/his knowledge to contribute to global security. A team player is sought who can build bridges across disciplinary boundaries and thereby supports the integrated work between natural and social scientists. With her/his creativity, ideas and ambition, he/she should be a driving force of the consortium. She/he enjoys to scientifically manage such a consortium project and is particularly talented and reliable in organization and communication.

Additional requirements:

- Background in a relevant field, demonstrated by a doctoral degree and/or work experience. Within natural and technical sciences, this includes but is not limited to physics, applied mathematics or nuclear engineering. Applicants with background in the social sciences can be considered if they are knowledgeable in science/technology-related topics.
- Knowledge in some of the following fields is considered an advantage: modelling and simulation methods, data analysis and/or the nuclear fuel cycle for technical applicants; nonproliferation, arms control and/or disarmament for applicants from the social sciences
- Interest in knowledge transfer, in particular policy advice
- Very good command of English, command of German is an advantage but not required

To apply, you can send a letter of motivation, a CV including two reference contacts, relevant transcripts and up to two publications in one joint pdf file (max. 10 MB).

Your tasks

- Own research on consortium-related topics (50%). Work on a habilitation is possible but not required.
- Scientific coordination of the consortium in dialogue with all partners (30%). The awardee of this position shall be a driving force in building the center's profile and gradually expand its scope towards a larger *Center for Technology and Global Security*.
- Communication with political decision-makers, international organizations and the public (10%).
- Support in project management, including reporting and communication with the funder (10%). For administrative matters, a secretariat and graduate assistants are available and shall be guided.

Our offer

- Full-time position to be filled as soon as possible, contract until 31 March 2026. A possibility for an extension may emerge.
- Salary according to German public servant scale: TV-L 13 or 14, depending on prior work experience and profile (Scientific Manager or Assistant Director): 57,000 – 78,000 EUR per year, comprehensive benefits and social security. Partial home office arrangements can be discussed. Costs of living in Aachen are low compared to major Western European cities.

Deadline: 31 May 2022, later applications can be considered until position is filled.

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