



**WE ARE RECRUITING!**

## PostDoc and PhD positions quMercury experiment



QUANTUM METROLOGY



in the [Quantum Metrology research group](#) at the University of Bonn.

Why does the Universe contain matter, but no antimatter? Are there new particles that have not yet been discovered? Can quantum simulations with ultracold atoms give new insights into solid-state phenomena? Answering these very fundamental questions requires an exquisite platform that goes beyond conventional cold-atom experiments. The element mercury has all the properties it takes to tackle these very fundamental questions. Over the past years, we have set up the world's only mercury experiment that's targeted at precision measurements and quantum simulations alike. As the first generation of PhD students is about to retire, we are recruiting a new team of talented and highly motivated students and PostDocs to advance the experiment.

### We offer

- a fully funded position at the forefront of fundamental research,
- in-depth training and research in the environment of an Excellence University,
- visits to summer schools and international conferences,
- research stays at international collaboration partners,
- the vibrant atmosphere of a very young research group,
- exposure to the growing quantum industry.

Candidates are expected to have a background in the field of cold atoms, optical clocks, precision measurements, or a related subject.

**Challenge accepted?** Then send your application to Prof. Simon Stellmer at [stellmer@uni-bonn.de](mailto:stellmer@uni-bonn.de).