

# Job announcement

At the Walther-Meißner-Institut (WMI, <https://www.wmi.badw.de/>) of the Bavarian Academy of Sciences and Humanities (BAdW) located at the Campus Garching near Munich in Germany, we are looking for a

## Postdoctoral researcher for the experimental realization of quantum radar

**The position** is offered in a multidisciplinary collaboration with partners from science and industry. You will experimentally investigate novel radar paradigms in illumination-type sensing based on propagating quantum microwaves. Your work is embedded into the quantum technology network formed by the WMI, the Excellence Cluster MCQST (<https://www.mcqst.de/>), the TU München (<https://www.tum.de/>), the EU Quantum Flagship project QMiCS ([https://qmics.wmi.badw.de](https://qmics.wmi.badw.de/)), and several companies working on quantum technology in the Munich area. The intended contract duration is 3 years.

**You** are eager to lead an ambitious experiment based on continuous-variable quantum microwaves generated by superconducting circuits and qubit-based microwave photon detectors. You hold a PhD degree in physics or a similar field of study with a solid background in quantum information, quantum communication, or quantum sensing. Proven expertise in the fabrication and/or control of superconducting quantum circuits at microwave frequencies and cryogenic temperatures is considered as an advantage.

**Application documents** should include your CV, a publication list, and a brief cover letter explaining your motivation. Please send them as a single PDF file to Martina Meven ([sekretariat@wmi.badw.de](mailto:sekretariat@wmi.badw.de), please mention the code “2020-FD-03”) and have a reference letter sent directly to the same address. The closing date for applications is Oct. 31, 2020.



We are determined to build an inclusive culture that encourages and values the diverse voices of all members of the research team embracing the full diversity of gender identities and cultures. Disabled candidates with equal qualification and aptitude will be given preferential consideration according to the SGB IX. Upon application, you are submitting personal information. We collect and process personal data from your application in accordance with Art. 13 of the General Data Protection Regulation (GDPR). By submitting your application, you confirm that you have acknowledged the above data protection information of the BAdW. (see <http://badw.de/die-akademie/service-und-jobs.html#c3843>).