

# 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 in experimental quantum microwave communication & sensing

**The position** is offered as part of the EU Quantum Flagship project QMiCS (<https://qmics.wmi.badw.de>). In a joint effort between 8 European partners from science and industry, you will experimentally investigate quantum microwaves for applications in communication, distributed quantum computing, and sensing. Your work is embedded into the quantum technology network formed by the WMI, the Excellence Cluster MCQST (<https://www.mcqst.de/>), and the TU München (<https://www.tum.de>). The intended contract duration is 1 year.

**You** are eager to lead ambitious experiments based on continuous-variable quantum microwaves generated by superconducting Josephson parametric amplifiers. 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-01”) 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 BAAdW. (see <http://badw.de/die-akademie/service-und-jobs.html#c3843>).

