Evaluation of the W1 Tenure Track Professorship (tenure track to W3) 
Quantumtechnology

The evaluation is conducted in accordance with the TenureTrack Regulations (TTO) of the University of Bonn and is carried out in four different categories: (i) research achievements, (ii) teaching accomplishments, (iii) academic committee work or offices and (iv) leadership responsibilities. The assessment of the junior professor's qualifications occurs in two terms with an interim evaluation (after three years) in the categories (i) und (ii) and a final evaluation (after six years) in all four categories.

1. Interim evaluation

27 months after initial recruitment, the junior professor submits a written self-assessment report to the tenure-track committee. The report shall be drafted along the TTO guidelines (see TTO appendix, part B) and is independently evaluated by four different reviewers. The following criteria are expected to be met during the first period:

(i) Research achievements:
• At least one publication with a substantial own contribution in a well-respected scientific journal with peer review.
• Submission of an application for a research grant within a competitive program for third-party funding (EU, DFG, BMBF, Industry, Foundations, etc).

(ii) Teaching accomplishments
• Independently conducting at least one lecture in either the Bachelor or the Master of Science in Physics.
• Successful supervision of bachelor’s and/or master’s theses.

On (i) and (ii)
Excellent research achievements that are internationally recognized as top range in the field along with a very good performance in academic teaching or, alternatively, an excellent teaching performance along with very good research achievements that significantly exceed international standards.

2. Final evaluation

9 months before the end of the second term, the junior professor submits a written self-assessment report to the tenure-track committee. The self-assessment shall be drafted along the TTO guidelines (see TTO appendix, part B) and is independently evaluated by four different reviewers, two of whom are not members of the University of Bonn. In addition, the junior professor presents his/her research in an oral public presentation. All four reviews as well as the oral presentation are taken into account in the final tenure decision. The following criteria are expected to be met at the end of the second term:

(i) Research achievements:
• A very well visible contribution to the field of "Experimental Quantum Technology" is achieved e.g. in regard of conceptional and methodical developments. This is proven by several publications with substantial own contribution in well-regarded scientific journals with peer review.
• Successful application for a research grant within a competitive program for third-party funding (EU, DFG, BMBF, Industry, Foundations, etc).
• Successful support of junior researchers as proven by supervising doctoral theses and/or mentoring postdocs.

(ii) Teaching:
• Independently and successfully conducted lectures and seminars in either the Bachelor or the Master of Science in Physics.
• Successful supervision of bachelor’s and/or master’s theses.

On (i) and (ii)
Excellent research achievements that are internationally recognized as top range in the field along with a very good academic teaching performance that significantly exceeds standards or, alternatively, an excellent teaching performance on international top level along with very good research achievements that significantly exceed international standards.

(iii) Academic committee work
• Active participation in the work of the University’s bodies and committees as well as engagement in the academic community as a whole.

(iv) Leadership responsibilities
• Managing an active and independent research group