In the Faculty of Mathematics and Natural Sciences of the University of Bonn, the Institute of Applied Physics at the Department of Physics and Astronomy invites applications for a

**JUNIOR-PROFESSORSHIP (W1) FOR EXPERIMENTAL PHYSICS WITH TENURE TRACK TO W3**

Quantum physics and quantum technology

The research area of the professorship should be experimental quantum physics and/or quantum technology with optical methods. Possible topics, supported by a strong publication record, are for example quantum networks, quantum matter with topological properties, or optical quantum systems. We are looking for candidates who fit into the broad spectrum of the Cluster of Excellence “Matter and Light for Quantum Computing” and who complement existing expertise. Participation in the Collaborative Research Centre / Transregio 185 “OSCAR - Open System Control of Atomic and Photonic Matter” is desirable.

Teaching according to the teaching commitment of the state of North Rhine-Westphalia is an integral part to this position. Giving lectures at all qualification levels is required. Therefore relevant teaching experience is expected.

The conditions of employment are according to § 36 Hochschulgesetz NRW. The University of Bonn actively supports diversity and equal opportunities. The University of Bonn has been certified as a family-friendly university and offers a dual career programme. Its aim is to increase the proportion of women in those fields in which women are underrepresented and to place a special focus on promoting their careers. Therefore, the university specifically requests applications from suitably qualified women. Applications will be handled in accordance with the Equal Opportunities Act of North Rhine-Westphalia. Applications from suitably qualified people with severe disabilities that have already been verified or from people with an equivalent status are particularly welcomed.

The University of Bonn is committed to diversity and equal opportunity. It is certified as a family-friendly University and has a dual career service. It aims to increase the proportion of women in areas where women are under-represented and to promote their careers in particular. It therefore urges women with relevant qualifications to apply. Applications will be handled in accordance with the Landesgleichstellungsgesetz (State Equality Act). Applications from suitable individuals with a certified serious disability and those of equal status are particularly welcome.

Applications with the usual documents (curriculum vitae, research plan, publication list, presentation of teaching activity, copies of university qualifications and certificates) are requested electronically in one pdf document by 31.03.2022 to the Fachgruppe Physik/Astronomie, Nußallee 12, 53115 Bonn, Germany (email: exqt@physik-astro.uni-bonn.de)