

Advertisement of a Vacancy at Saarland University



At the Faculty of Natural Science the following position is vacant:

Job Offer :	Scientific Assistant / Post Doc
Place of Employment:	Saarbrücken
Date of Employment:	as soon as possible
Volume of Employment:	full time employment
Duration of Employment:	The position is for three years. Should the candidate be interested in pursuing a Habilitation, it is possible to extend this position to a maximum of five years, contingent on a successful evaluation.

Position Description:

Our research group researches quantum computing, centered around quantum computing with superconductors, optimal control theory, and quantum computer applications.

We are looking for a motivated postdoctoral researcher to start in our group at their earliest convenience with a background in at least some of the areas

- quantum computing and its applications
- quantum simulation
- quantum annealing
- circuit quantum electrodynamics
- quantum control

For day-to-day work, we expect a solid background in theoretical physics including some numerics use and interest in engaging with graduate students, experimentalists, and potential users of quantum computers.

The opportunity to own academic training (post-doc) will be given.

Conditions for Employment:

Mandatory conditions for employment are:

Doctoral degree in physics or, if relevant qualifications are demonstrated, in neighbouring disciplines such as mathematics, computer science, or engineering.

Work contract and salary will accord to the respective collective agreement, i.e. TV-L.

Full-time positions are in principle divisible (§ 7 Abs. 1 TzBfG).

Saarland University aims to increase the number of women in this field. Therefore, women are encouraged to apply for this position.

Physically handicapped persons will be preferred in case equally qualified.

Please refer to reference **W1436** in your application. Please apply with a CV, statement of interest, publication list, and at least two references. Closing date for applications is **November 30, 2018**. Applications shall be sent to:

Saarland University
Faculty of Natural Science
Theoretical Physics
Prof. Dr. Frank Wilhelm-Mauch
Campus E2 6
D-66123 Saarbrücken

fwm@lusi.uni-sb.de

Please do not include original documents and certificates! Application papers will not be sent back. Please do not use binders.

Saarbrücken, Oct. 05, 2018