

Assistant Professor

Ecole/Institution/Société:

University of Basel, Switzerland / Basel

Discipline:

Computational Engineering

Type d'emploi::

Full-time

Date de publication:

2021-10-16

Personne à contacter:

If you wish to apply for this position, please specify that you saw it on AKATECH.tech

Tenure-Track Assistant Professorship In Quantum Condensed Matter Theory And Quantum Computing

JOB DESCRIPTION

The Department of Physics at the University of Basel, Switzerland, invites applications for a professorship in quantum condensed matter theory and quantum computing. The University of Basel is the home institution of the Swiss National Center of Competence in Research (NCCR) project "SPIN: Spin Qubits in Silicon" supported by the Swiss National Science Foundation.

NCCR SPIN has started in August 2020, and aims to develop elements of scalable quantum computer technology, focusing on electron and hole spin qubits in silicon and germanium. More details are available from <https://nccr-spin.ch>. Linked to NCCR SPIN, a new tenure-track assistant professorship has been created in quantum condensed matter theory and quantum information or computing.

The new professor should make vital and original contributions to the activities of NCCR SPIN and to the department's activities in quantum science, should provide leadership in research and contribute to teaching at both Bachelor's and Master's levels.

Candidates should hold a PhD and demonstrate an excellent track-record in quantum condensed matter theory with a focus on semiconductor physics and / or quantum computing.

The Department of Physics of the University of Basel offers a thriving, stimulating, and highly collaborative environment to pursue cutting-edge research in quantum science and quantum computing. The University of Basel is an equal opportunity and family friendly employer committed to excellence through diversity. We are very interested to increase the number of women in academic leadership positions and particularly invite applications of excellent female candidates.

Application / Contact

Applications (a short letter of motivation, a curriculum vitae, a publication list, a statement on research linking to NCCR SPIN and the Department, and a teaching statement) should be addressed to Prof. Dr. Marcel Mayor, Dean, Faculty of Science, and exclusively submitted via <https://academicjobsonline.org/ajo/jobs/19650>. Candidates should arrange for three reference letters to be submitted to the same site.

For informal inquiries please contact the Chair of the Department Professor Philipp Treutlein

(Philipp.Treutlein@unibas.ch) or the NCCR SPIN Director, Professor Dominik Zumbühl (Dominik.Zumbuhl@unibas.ch).

JOB DETAILS

Title Tenure-track Assistant Professorship in Quantum Condensed Matter Theory and Quantum Computing

Employer University of Basel

Job location Petersplatz 1, CH-4003 Basel

Job types Assistant / Associate Professor, Tenure Track

Fields Quantum Computing

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