The Stefan Meyer Institute for Subatomic Physics of the Austrian Academy of Sciences in Vienna (www.oeaw.ac.at/smi) is devoted to the study of fundamental symmetries and interactions. In its division "Precision experiments at low energies", a new position for a

Postdoctoral researcher (f/m) in neutron particle physics

(full time, 40 hours per week)

(duration 2 years) is open for applications.

Position

The successful candidate is expected to become a member of the NoMoS group working on measurements of correlation coefficients in neutron beta decay (for more details see PoS(EPS-HEP2015)592). The position will be available at the earliest from June 18, 2018 for a duration of 24 months.

Requirements

Applications are invited from outstanding candidates with a PhD in a relevant field (e.g., low energy or neutron physics). Knowledge of advanced electron and proton detection such as low energy detectors, electronics, data acquisition, and characterization techniques are required.

Any experience working with cold neutrons, vacuum systems, calibration sources, magnetic sensors, particle tracking, ROOT, C++, GEANT4, SRIM, McStas, and LabVIEW would be advantageous. The candidate will be expected to take part in beam-time campaigns abroad. Excellent communication skills are required both oral and written.

The candidate must be fluent in English and any experience of either German or French would be an advantage.

Offer

The contract will have a duration of two years. The annual gross salary will be 51.955,40 EUR in accordance with the salary scale of the Austrian Science Fund.

The Austrian Academy of Sciences is an equal opportunity employer.

Application

CV, cover letter and details of three referees should be submitted to smi@oeaw.ac.at no later than May 30, 2018.

For informal enquiries and more information please email: gertrud.konrad@oeaw.ac.at

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