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Postdoctoral Researcher

Theory of Non-equilibrium Quantum Field Dynamics

(TV-L 13)

A postdoctoral research position is available at the Institute for Theoretical Physics, University of Heidelberg, Germany. The appointment is for a period of two years.

Our research focuses on the quantum dynamics of many-body systems far from equilibrium, addressing outstanding problems in the physics of ultracold atomic gases, with applications in other areas such as solid-state and high-energy physics.

Several strong experimental groups in the field of ultracold atomic gases are based in Heidelberg, and joint research is undertaken towards the characterization of far-from-equilibrium many-body phenomena.

Applicants should hold a doctoral degree in theoretical physics. Desired are skills and experiences in field theory and numerical methods, and a strong interest in the field of ultracold gases. Experiences in other areas such as solid-state systems, quark-gluon physics, or cosmology are not required but would be welcome.

Applications including a curriculum vitae, a list of publications, a statement of research interests, as well as the contact details of one or two referees, should be sent, preferably by email, to the address given below. Screening of applications starts now and will continue until the position is filled.

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