

POSTDOCTORAL POSITIONS IN THEORETICAL PHYSICS
INSTITUTE FOR THEORETICAL PHYSICS AT THE UNIVERSITY OF HEIDELBERG

The particle physics and cosmology division of the Institute for Theoretical Physics at the University of Heidelberg invites applications for postdoctoral positions in theoretical physics. The positions are expected to be filled in the fall of 2025.

The appointment is for a period of two years. (Later extension to three years is possible.)

The particle physics and cosmology division consists of the faculty members L. Amendola, M. Bartelmann, J. Berges, A. Eichhorn, A. Hebecker, L. Heisenberg, J. Jaeckel, J. Pawłowski, T. Plehn, C. Wetterich and J. Walcher as a partner at the Mathematical Institute. Junior research group leaders at our Institute include S. Bosman, A. Butter, C. Heneka and A. Mazeliauskas.

In addition, several associated professors, about 20 junior scientists and postdocs, and 35 postgraduate students work in the division.

The division runs a lively international visitor program. The research covers a wide range of topics in particle theory, including in particular particle-cosmology, cosmic structure formation, particle phenomenology, quantum chromodynamics, heavy ion collisions, physics beyond the standard model, quantum gravity, string theory, non-perturbative and non-equilibrium quantum field theory, with applications to ultracold quantum gases.

For more information see our www page: <http://www.thphys.uni-heidelberg.de/>.

Applicants should submit the following items

- Cover Letter
- Curriculum Vitae
- Research Statement
- Publication List
- Two or three Reference Letters (to be submitted by the reference writer)

In the Cover Letter you should refer to one of the above listed members of the institute.

All materials should be submitted online using the Academic Jobs Online website,

<https://academicjobsonline.org/ajo/jobs/29129>

We will begin reviewing applications on **January 02, 2025**.