



SFB1258 Neutrinos and Dark Matter in Astro- and Particle Physics

Open Call

Please note: This call is open exclusively to M.Sc., B.Sc. and Doctoral physics students from TUM and students of the Academy of Fine Arts Munich.

Apply by: 30 June 2025 (23:59 CEST)

The Sonderforschungsbereich 1258 Neutrinos and Dark Matter in Astro- and Particle Physics (SFB1258) at the Technical University of Munich (TUM) and the Academy of Fine Arts Munich (AdBK) together with the Haus der Kunst München (HDK) invite students from both the arts and physics to participate in a unique interdisciplinary project to explore the fascinating world of fundamental particle and astroparticle physics through artistic expression.

This collaborative initiative offers a space where scientific inquiry meets creative imagination, encouraging participants to engage with the invisible forces and structures that shape our universe. Questions that guide this exploration include:

- What are particle and astroparticle physicists aiming to discover?
- How are experiments constructed, and what theoretical frameworks guide tool design?
- What materials and detection strategies are employed?
- What technological expertise is needed for such endeavors?
- How is data interpreted – and how does it contribute to broader cultural knowledge?

Program Overview

The project begins in winter semester 2025/26 with a kick-off workshop at the TUM Science & Study Center at Raitenhaslach, taking place 27-30 October 2025. Further activities include field trips in winter/spring 2025 to the major international research laboratories of particle/astroparticle physics (Laboratori Nazionali del Gran Sasso in L'Aquila, Italy, and CERN in Geneva, Switzerland).

Throughout 2026, participants will develop their own artistic projects in close dialogue with photography and video artist Armin Linke, Professor of Photography at AdBK, and Elisa Resconi, Chair for Experimental Physics with Cosmic Particles, TUM. Selected projects will receive curatorial mentorship, a production budget and direct professional exchange with experts in both fields, including critical reviews with Andrea Lissoni, artistic director of the HDK. A presentation of the selected projects is planned in collaboration with Haus der Kunst München in 2028.

How to apply

Interested physics students are invited to submit their application until 30 June 2025 (23:59 CEST) to petra.riedel@tum.de

The application must include (in German or English) your CV and a statement of interest (max. 400 words), outlining your motivation for joining the project (Please note: The project is designed to span at least 2-3 semester).

Questions & Contact: Petra Riedel, E: petra.riedel@tum.de, T: 089 289 12436