

ERC-funded Research Associate in Nuclear Astrophysics / Neutron detector array

February 23, 2022

The ERC-project SHADES has an immediate opening for an experimental nuclear physics postdoctorate. The position is located at the INFN Gran Sasso National Laboratory and aims at aims to construct a novel neutron detection array to perform measurements of critical nuclear reactions for astrophysics.

The postdoctoral researcher will be a major contributor to the installation and execution of the experiment in the Gran Sasso underground laboratory. Candidates must have a Ph.D. or equivalent degree in physics. Hands-on experience with nuclear-physics related experimental setups is required, experience with detector simulations using Geant4 is advantageous. The contract duration is 1 year with possible extensions up to a maximum of three years. Salary is on the higher side of Italian postdoctoral wages, taking prior experience of the candidate into account.

Interested applicants should email a curriculum vitae including publications list to Andreas Best (andreas.best@unina.it). Requests for additional documentation will be arranged in discussion with the applicant.

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