



Universiteit Utrecht



Postdoc position - Experimental High-Energy Heavy-Ion Physics (ALICE experiment) - Utrecht University (April 2015)

The Institute for Subatomic Physics at Utrecht University has an opening for a postdoc position in Experimental Relativistic Heavy-Ion Physics. The group is strongly involved in heavy-flavour physics in the ALICE experiment at the Large Hadron Collider at CERN, operates the Silicon Strip Detector and has a strong role in the R&D of the upgrade of the Inner Tracking System in ALICE. The position is funded through a grant from the Netherlands Organisation for Scientific Research (NWO).

Job description

The successful candidate is expected to play a leading role in the measurement of D and B meson production in elementary proton-proton and lead-lead collisions using run-2 data. The candidate will be stationed at Utrecht University and will also have significant interactions with scientists at the National Institute for Subatomic Physics (Nikhef) in Amsterdam. Longer stays at CERN (Geneva, Switzerland) are foreseen.

This is a two-years term appointment with the possibility of renewal. The Collective Employment Agreement (CAO) of the Dutch Universities forms an integral part of the contract of employment. The expected starting date for the positions is 1 September 2015.

Qualifications

- PhD in experimental particle or nuclear physics, obtained within the last four years.
- Strong knowledge and experience in analysis of large volume data sets in particle physics experiments (C++ programming).
- Hands-on expertise in development of physics analysis applications.
- Ample experience in heavy-flavour physics is of advantage.
- Excellent understanding of the hardware and software aspects of the computational infrastructure used in particle physics.
- Excellent verbal and written communication skills in an international team environment.

Further details

More information about this position can be obtained from the principle supervisor Dr. André Mischke (a.mischke@uu.nl) and can be found on the group website <http://www.staff.science.uu.nl/~misch101/>.

How to reply

Interested candidates should provide a curriculum vitae, list of publications, a brief statement of research interest and arrange to have at least two letters of recommendation sent to Dr. André Mischke, Institute for Subatomic Physics, Faculty of Science, Utrecht University, Princetonplein 5, 3584 CS Utrecht, the Netherlands or via e-mail to: a.mischke@uu.nl. The applicant will be assessed according to the Code of Conduct at Utrecht University. Applications will be accepted any time up until the position is filled.

Publication date

1 September 2015.