

Post-doctoral positions in High Energy Physics at ATLAS

NAWA - the Polish National Agency for Academic Exchange has opened a call for proposals under the Ulam Programme allowing foreign scientists to come to Poland for 6 – 24 months to conduct research:

<https://nawa.gov.pl/en/scientists/program-im-ulama/call-for-proposals>

The AGH University of Science and Technology (AGH UST) in Krakow invites applications for two post-doctoral positions to work on the ATLAS experiment within the Ulam Programme. Candidates should have a recent Ph.D. in high-energy particle or nuclear physics and demonstrate the ability to work in a research environment and to prepare research results for publication and presentation at scientific meetings. The applicants are expected to be interested to conduct research in one of the two areas:

- Analysis of heavy-ion data. This includes two broad subjects: study of the coherent production of vector mesons in Ultra-Peripheral Collisions of Pb+Pb and/or p +Pb and study of collective behaviour of the hot and dense medium created in Pb+Pb and/or p +Pb collisions at various centralities.
- Analysis of medium rapidity inclusive and exclusive states in proton-proton collisions, associated with leading forward-scattered protons tagged in the ATLAS Roman Pot system or neutral particles tagged in the LHCf system.

The successful candidates will be expected to play leading roles in one or several aspects of the research programmes described above, as well as to contribute to the operation of the ATLAS experiment at CERN. Applicants being already qualified members of the ATLAS Collaboration, with experience in the above described research programmes, will be preferred. Also applications for 24 months long stays will be preferred.

The AGH UST is one of the leading technical universities in Poland, and recently has been selected as one of the 10 laureates of the “Excellence Initiative - Research Universities” Programme of the Ministry of Science and Higher Education, a programme which guarantees a significant additional funding for the best higher education institutions in Poland, with an aim to further increase their scientific potential and broaden international collaboration.

The deadline for uploading the application to NAWA is April 15th, 2020. However, this application has to be first approved by the AGH UST as the host institution. The interested candidates are therefore requested to send their CV, research proposal (including all information required in the [Part 4 of the application form](#)) and two reference letters, in advance (till March 22nd) to Prof. Mariusz Przybycien for the initial approval on behalf of the AGH UST.

For any further question please contact Prof. M. Przybycien (Mariusz.Przybycien@agh.edu.pl)