



ATLAS post-doctoral position with the Hong Kong University of Science and Technology

The ATLAS group of the Hong Kong University of Science and Technology (HKUST) invites applicants for an immediate opening for a post-doctoral position to work on the ATLAS pixel detector upgrade for the High-Luminosity LHC. The HKUST group is expected to deliver a major contribution testing of sensors and readout chips for the ITk Pixel detector. To fulfill this task a new silicon semiconductor laboratory has been created on-site at HKUST. Furthermore, the members of the group are currently involved in studies of Higgs properties with ATLAS data as well as in the studies related to possible future high-energy accelerators and observational cosmology.

The successful candidate is expected to take a leading role in the HKUST ITk activities and in one or several physics analyses listed above. A significant contribution to supervision and guidance of graduate and undergraduate students is also expected. The priority will be given to the candidates with strong semiconductor silicon detector experience.

The successful candidate will be based in Hong Kong with frequent trips to CERN and to our partner laboratories in France, Germany and possibly other countries. A competitive salary commensurate with qualification and experience, as well as the compensation for the research trips, will be provided. The position will be initially for two years, with a possibility of extension - subject to mutual agreement and budget constraints.

Applicants should send their CV, a statement of research interests and a full list of scientific publications to:

Prof. Kirill Prokofiev at kprok@ust.hk

Applicants should further arrange for at least three recommendation letters to be sent to the email address above. The screening of applications will start immediately and continue until the suitable candidate is identified.

This position is partially supported by the Hong Kong Research Grants Council.