Postdoctoral Research Fellow position in nuclear physics, at ISAC, TRIUMF, Canada

The Saint Mary’s University and TRIUMF collaboration is currently seeking to fill a position for Post Doctoral Research Fellow in experimental nuclear physics in Canada. The research group’s activities at TRIUMF are focused on direct nuclear reactions of rare isotopes using reaccelerated beams at the ISAC facility. The team is at present developing a new experimental facility, IRIS, having a thin solid hydrogen target, for studying transfer reactions and inelastic scattering of exotic nuclei.

We are looking for excellent researchers with an interest aligned with our research activities. The successful candidate will be stationed at TRIUMF, Canada’s National Laboratory for particle and nuclear physics located in Vancouver, Canada. The candidate is expected to take up major responsibility in the development and commissioning of the new IRIS facility. He/she is expected to perform and participate in experiments using the facility. In addition, the candidate will also be encouraged to pursue independent research initiatives in direct nuclear reactions.

The eligible candidate must have obtained a Ph.D. degree in nuclear science. The position requires capability of extensive work with the operation of semiconductor detectors, gas detectors and the solid hydrogen target after initial exposure to the system. Experience with radiation detectors, especially gas detectors, and/or cryogenic targets will be considered as an added qualification. The work requires programming knowledge in FORTRAN and C++. The term of appointment is for two years with possibility of renewal based on continued funding.

We invite excellent candidates to submit their application with a curriculum vitaé, a brief statement on research experience and interests together with names of three references who will be willing to provide letters of recommendation. The complete application should be sent to:
Prof. Rituparna Kanungo
Email: ritu@triumf.ca
Astronomy and Physics Department
Saint Mary’s University
923 Robie Street
Halifax
NS B3H 3C3
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The applications must be received by March 30, 2011.