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## **Postdoctoral research fellow position in experimental nuclear physics at GSI, Darmstadt**

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The Saint Mary's University, Canada and GSI, Germany collaboration invites applications for the position of a post doctoral research fellow in experimental nuclear physics. The position is for experimental program on rare isotope science.

The research program addresses the physics of neutron-rich and proton-rich rare isotopes. The projects focus on spectroscopy through nucleon knockout reactions and measurements of nuclear radii for exploring exotic structures and the equation of state of asymmetric nuclear matter. The program also encompasses specific projects to be performed at the RIKEN RI Beam Factory in Japan.

We are seeking applications from excellent researchers holding a Ph.D. degree in nuclear science. She/He will be expected to assume a leading role in performing and analyzing such experiments as well as participating in developments for the SuperFRS facility. The work requires programming knowledge in C++. Experience with the ROOT analysis framework is desirable. The candidate will also be encouraged to build his/her own research interests in related areas.

Preference will be given to candidates with a background in experiments with rare isotopes.. The successful candidate will be stationed primarily at GSI, Darmstadt working under the supervision of Prof. Rituparna Kanungo and Prof. Christoph Scheidenberger. The term of appointment is for two years, with possibility of renewal based on continued funding and mutual satisfaction.

We invite interested candidates to submit their application with a curriculum vitae, 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 by email to :

Prof. Rituparna Kanungo

Email : [ritu@triumf.ca](mailto:ritu@triumf.ca)

**Review of applications will begin from April 6, 2020 and continue until the position is filled.**