

Staff and Post Doc Positions in RHIC Spin Program

The RHIC Spin Group at BNL is filling three positions and we invite applications. The RHIC Spin Group develops and supports the spin program at RHIC, with members on both the STAR and PHENIX experiments. The group is supported by DOE Medium Energy Physics: <http://www.phy.bnl.gov/rhicspin>

We have one position on the STAR experiment, pursuing measurements of longitudinal and transverse spin asymmetries in polarized proton collisions, that are sensitive to the spin structure of the proton. Also, we plan to measure the unpolarized gluon structure in a heavy nucleus, using deuteron-gold collisions. Finally we will be building and commissioning a new large acceptance forward meson spectrometer. The position is as Assistant Physicist, which is a two-year appointment and tenure track.

Contact: Leslie Bland, bland@bnl.gov

We have one position, a Research Associate position with a two-year term and 1-year extension available, to develop RHIC polarimetry. The polarimeters, developed for RHIC, insert targets into the RHIC circulating polarized proton beams, and use very small elastic angle scattering in the Coulomb nuclear interference region to measure the beam polarization. The successful candidate will work with the RHIC experiments and accelerator physicists with a goal to reach a 5% precision in polarization. She or he will also have the opportunity to participate in one of the RHIC experiments.

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Assistant Physicist (S-1) – Requires a Ph.D. in experimental nuclear or particle physics and several years' relevant experience. Hardware and data analysis experience and spin physics experience is desirable. Position is with the RHIC Spin Physics Group and responsibilities include taking a leadership role in polarimetry and to participate in RHIC experiments. RHIC polarimeters include CNI carbon target polarimeters and a polarized atomic hydrogen jet target polarimeter. Group is also considering adding an unpolarized hydrogen target polarimeter. Under the direction of L. Bland. Send CV to M. Kipperman, Bldg. 185 or mrk@bnl.gov, referring to **Position No. MK 3591**.

We request that applicants submit a letter on their interest, CV, publication list, and 3 letters of reference. Please send to Dr. Leslie Bland, Physics Department, Brookhaven National Laboratory, Upton, NY 11973, USA.

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