The Temple University Nuclear and Particle Physics group has an opening for a postdoctoral research fellow position in experimental nuclear physics with an emphasis on detector development. The group studies proton spin structure and dynamics using high-energy polarized p+p collisions at BNL/RHIC, focusing primarily on gluon and quark/antiquark polarization using both jet and W production. The group has a strong interest in micro-pattern detector development, in particular GEM detectors for a future Electron-Ion Collider. We profit from a new state-of-the-art detector and clean room facility provided by the new Science Education and Research Center SERC at Temple University. The work is carried out in close collaboration with a group at CEA Saclay, led by Dr. Franck Sabatié, focusing on MicroMegas detectors. Extended research visits to France are anticipated.

The candidate is expected to play a leading role in physics analysis and detector development. A strong background in ROOT and general programming skills are required. In addition, a strong interest in detector development and experience in working with particle physics detectors is essential. Exceptional candidates might be considered for a position as a research assistant professor.

For full consideration, all application material, CV, research statement and three letters of recommendation should be submitted by February 15, 2016 by email to Professor Bernd Surrow (surrow@temple.edu). Any questions about this position can be directed here as well. Temple University is an equal opportunity, equal access, affirmative action employer committed to achieving a diverse community. Applicants from minority groups are strongly encouraged to apply.