



Oklahoma State University Department of Physics

Postdoctoral Researchers on ATLAS

<http://apply.interfolio.com/94487>

The Oklahoma State University High-Energy Physics group invites applications for up to two postdoctoral fellow positions to work on the ATLAS experiment.

The Oklahoma State group is highly involved in a variety of physics analyses, including top quark and Higgs boson SM measurements as well as searches for new physics predicted by SUSY and models beyond the SM. Our group has long-term involvement in b-tagging calibration, development of tagging for long-lived particles, and large-R jet identification and calibration. Oklahoma State is also heavily involved in the Phase 2 ATLAS Inner Tracker (ITK) upgrade, focusing on the development of electrical services for inner pixel detector and optimization of the b-tagging performance for the future tracker.

Qualifications

Candidates should have a Ph.D. in physics by the date of appointment. The postdoctoral fellows are expected to play a leading role in physics analysis, contribute to combined performance activities and/or the Phase 2 ITK upgrade, and actively mentor Ph.D. students. At least one position will involve residency at CERN. The initial contract will be for one year, with the *expectation* of renewal for three to five years provided adequate performance and availability of funding.

Application Instructions

Interested candidates should submit a curriculum vitae, summary of research experience (one page), a brief statement of research interests (one page), and arrange for at least three letters of recommendation. All these are to be uploaded to Interfolio (<http://apply.interfolio.com/94487>). Applications will be reviewed as they arrive. Full consideration is guaranteed for all material received by January 7, 2021; however, applications received after that date will continue to be considered until both positions are filled. All positions are contingent upon available funding. Any questions should be directed to Profs. Flera Rizatdinova (flera.rizatdinova@okstate.edu) or Joe Haley (joseph.haley@cern.ch).

Equal Employment Opportunity Statement

Oklahoma State University, as an equal opportunity employer, complies with all applicable federal and state laws regarding non-discrimination and affirmative action. Oklahoma State University is committed to a policy of equal opportunity for all individuals and does not

discriminate based on race, religion, age, sex, color, national origin, marital status, sexual orientation, gender identity/expression, disability, or veteran status with regard to employment, educational programs and activities, and/or admissions. For more information, visit <https://eeo.okstate.edu>.

More Information:

- <http://apply.interfolio.com/94487>