



**Stony Brook
University**

Assistant Professor (tenure track) in High Energy Physics/ Experimental Particle Physics

Stony Brook University, Department of Physics and Astronomy

Location

Stony Brook, NY

Open Date

Sep 26, 2022

Deadline

Nov 18, 2022 at 11:59 PM Eastern Time

Description

The person holding this position will report to the Chair of the Physics and Astronomy Department. The faculty member will perform research on topics of the member's choice in High Energy Physics as part of the ATLAS Collaboration at the CERN laboratory in Geneva, Switzerland. While the particular focus of the research using ATLAS will be up to the faculty member, the successful applicant will be expected to engage in independently funded research characterized by creativity and vision. Furthermore participation in the preparation of future upgrades and/or other future collider experiments is also preferred. Current faculty members of the local Stony Brook ATLAS group focus in the areas of Higgs boson and electroweak physics, searches for Beyond the Standard Model effects, combined physics performance studies, as well as design, construction and commissioning of detector components and electronics for the tracking and calorimeter sub-systems of the ATLAS upgrade for the High-Luminosity LHC. The faculty member has the opportunity to collaborate with other local members of the ATLAS Collaboration at Stony Brook and at BNL, and with members of the Department of Physics and Astronomy and of the YITP with interests in High Energy Physics, as well as with their peers at other educational institutes. During the academic year the faculty member may be asked to give seminars on the member's work, and is expected to present their research at national and/or international conferences. The faculty member will teach undergraduate and/or graduate courses at the Department of Physics and Astronomy and will be expected to encourage, and as appropriate participate in, the research and mentorship of graduate students and postdoctoral associates. The faculty member will participate in departmental, university and professional service.

More detailed requirements and how to apply:

<https://apply.interfolio.com/112249>

For more information contact:

- Prof. John Hobbs (john.hobbs@stonybrook.edu)
- Assoc. Prof. Giacinto Piacquadio (giacinto.piacquadio@stonybrook.edu)
- Assoc. Prof. Dmitri Tsybyshev (dmitri.tsybychev@stonybrook.edu)
- Dr. Chris Bee (christopher.bee@stonybrook.edu)

Application Instructions

Applications should be submitted through the Interfolio web service (<https://apply.interfolio.com/112249>). They should include a cover letter, curriculum vitae, a research statement, a statement of teaching philosophy and a diversity statement. The candidate should use the options provided at the Interfolio website to request at least three letters of references. Applications received by Nov. 18, 2022 will receive full consideration.

Equal Employment Opportunity Statement

Stony Brook University is committed to excellence in diversity and the creation of an inclusive learning, and working environment. All qualified applicants will receive consideration for employment without regard to race, color, national origin, religion, sex, pregnancy, familial status, sexual orientation, gender identity or expression, age, disability, genetic information, veteran status, and all other protected classes under federal or state laws.