

## Tufts University

### Postdoctoral position in experimental high-energy physics:

The Department of Physics and Astronomy at Tufts University seeks applicants for a Post-Doctoral Research Associate position in experimental high-energy physics to work on the ATLAS experiment at CERN. The group has made significant contributions to the Missing Transverse Energy Trigger and to the overall ATLAS trigger community. The group is particularly interested in precision measurements of the parameters of the Standard Model and in searches for physics beyond the Standard Model.

The successful applicant will be expected to make significant personal contributions to the ATLAS physics analyses and to share responsibilities in aspects of the ATLAS trigger system and its upgrade, or with the Physics Modeling Group. Priority will be given to candidates interested in working on studies involving W/Z+jets events, however all physics interests will be considered. The applicant should have, or be about to gain, a Ph.D. in particle physics, and is expected to have experience of at least two years in active participation with a leading international particle physics experiment. The applicant should have expertise in data analysis techniques and in software systems used in high-energy physics including Unix operating systems and the C++ programming language.

The position is available with a starting date as early as July 1<sup>st</sup>, 2019, for a term of two years with possible extension contingent upon available funding, and with the possibility of holding the position at CERN. Applicants should submit a curriculum vitae, a one-page statement describing their research interests, and should arrange for two letters of recommendation to be sent to Professor Pierre-Hugues Beauchemin at [Hugo.Beauchemin@tufts.edu](mailto:Hugo.Beauchemin@tufts.edu). **Applications will be considered until the position gets filled.** Electronic application materials and letters of reference in PDF format are preferred.

Tufts University is an equal opportunity/affirmative action employer.

-----  
Prof. Pierre-Hugues Beauchemin  
Department of Physics & Astronomy  
Tufts University  
574 Boston Avenue,  
Medford, MA, 02155  
Phone: (617) 627-2968