The ATLAS group at Argonne National Laboratory is adding two positions to work in Machine Learning R&D related to ATLAS physics analysis and object reconstruction. The positions are a junior faculty position, Assistant Physicist, and a post-doctoral researcher (2 years + 1 year). The Argonne group works closely with computer scientists, mathematicians, and software engineers at Argonne’s Leadership Computing Facility (ALCF) and NERSC at Berkeley Lab to apply machine learning to problems faced in High Energy Physics. These collaborations provide an environment of intellectual exchange and excitement for trying new ideas. Argonne also has access to large computing resources for training on large datasets. This includes compute time on some of the DOE’s largest supercomputers as well as access to GPU clusters and NVIDIA GPUs that are not yet available commercially. Candidates will contribute to ongoing work and help steer the research program with their own unique ideas and expertise.

Positions can be found on: 
https://www.anl.gov/careers

Assistant Physicist:  
Search for Requisition Number: 403592  
https://goo.gl/QVgo2B

Post-doctoral position:  
Requisition Number: 403590  
https://goo.gl/vDdkJB