

Postdoctoral Position in Atmospheric and Space Electricity
University of New Hampshire
Department of Physics and Astronomy &
Institute for the Study of Earth, Oceans and Space (EOS)

The Lightning research group in the Department of Physics and Astronomy & the Institute for the Study of Earth, Oceans and Space (EOS) at the University of New Hampshire (UNH) is seeking an exceptional candidate to fill a postdoctoral position in the field of atmospheric and space electricity. The successful candidate will focus on developing numerical code to model electrical discharges and plasmas, but will also work with optical and radio observations of lightning and transient luminous events. Experience with parallel computing and adaptive mesh refinement is highly desirable but not required. A Ph.D. in physics, engineering, or related fields is required. The initial appointment is for one year with subsequent annual renewal for up to two additional years contingent upon satisfactory performance, and availability of resources.

Review of complete applications will commence on November 23, 2020 and will continue until the position is filled. Inquiries about the position should be addressed to Prof. Ningyu Liu at Ningyu.Liu@unh.edu. Applicants should submit their application electronically as a single PDF document in the following order – cover letter including a summary of research experience, CV, and the names and contact information of at least three references – to Ningyu.Liu@unh.edu.

The University of New Hampshire is a major research institution, providing comprehensive, high-quality undergraduate and graduate programs (www.unh.edu). UNH is located in Durham on a 188-acre campus, 60 miles north of Boston and 8 miles from the Atlantic coast. The Department of Physics and Astronomy confers both undergraduate (B.A., B.S.) and graduate (M.S., Ph.D.) degrees and currently includes 26 faculty members. EOS is the largest research institute at UNH, with more than 275 faculty, staff and students.

The University of New Hampshire is an Equal Opportunity/Equal Access/Affirmative Action institution. The University seeks excellence through diversity among its administrators, faculty, staff, and students. The university prohibits discrimination on the basis of race, color, religion, sex, age, national origin, sexual orientation, gender identity or expression, disability, veteran status, or marital status. Application by members of all underrepresented groups is encouraged.