

## UNIVERSITY OF SOUTH CAROLINA

### DEPARTMENT OF MATHEMATICS

#### Postdoctoral Associates in Data Science & Machine Learning

The Department of Mathematics at the University of South Carolina is inviting applications of two postdoctoral associates in the area of mathematical foundations of data science, network science, and machine learning in a broader sense. The candidates are expected to contribute to synergistically bridging important theoretical developments in mathematics and vibrant emerging mathematical foundations in Data Science/Machine Learning. A successful candidate is expected to teach two courses per year on all levels in the Department of Mathematics. Candidates must have a Ph.D. in Mathematics by the start date of employment, a demonstrated potential for excellence in both research and teaching. **Due to the restriction of NSF RTG grant, candidates must be citizens, nationals, or permanent residents of the United States or its territories and possessions.**

Applications must be submitted through the University's online employment system "USC Jobs" at <https://uscjobs.sc.edu/postings/161091> as well as via MathJobs <https://www.mathjobs.org/jobs/list/24070>. A completed application should contain a cover letter, curriculum vitae, description of research plans, and statement of teaching philosophy. In addition, four letters of recommendation should be made available through. One of the letters should appraise the candidate's teaching ability.

The beginning date for the position will be August 16, 2024. Review of applications will begin on January 30, 2024 and continue until the position is filled. Please address inquiries to [lu@math.sc.edu](mailto:lu@math.sc.edu).

The Department of Mathematics (<http://www.math.sc.edu/>), located in the heart of the historic UofSC campus, currently has 32 tenured and tenure-track faculty, 10 full-time instructors, 57 graduate students, and about 200 undergraduate majors. Faculty research interests include algebra, algebraic geometry, analysis, applied and computational mathematics, constructive approximation, data science, discrete mathematics, geometry, mathematical biology, mathematical education, and number theory. The University also hosts an honors college recently ranked as the nation's best among public school's honors programs, with which the candidate will have the opportunity to work.

At the University of South Carolina, we strive to cultivate an inclusive environment that is open, welcoming, and supportive of individuals of all backgrounds. We recognize diversity in our workforce is essential to providing academic excellence and critical to our sustainability. The University is committed to eliminating barriers created by institutional discrimination through accountability and continuous process improvement. We celebrate the diverse voices, perspectives, and experiences of our employees.

*The University of South Carolina does not discriminate in educational or employment opportunities or decisions for qualified persons on the basis of age, ancestry, citizenship status, color, ethnicity, familiar status, disability, gender (including transgender), gender identity or expression, genetic information, HIV/AIDS status, military status, national origin, pregnancy, race, religion, sex sexual orientation, veteran status, or any other bases under federal, state, and local laws or regulations.*