Applications are invited for a tenure-track Assistant Professor position in the area of applied and computational mathematics, associated with the SmartState Chair in Data Analysis, Simulation, Imaging, and Visualization (DASIV). Research areas covered by DASIV include data assimilation and parameter estimation, reduced order modeling and related stable variational formulations of underlying PDE models, as well as machine learning and structural imaging. An overarching theme for the research conducted in the DASIV center is the development of new syntheses of data-driven and model based methodologies. A preferred research profile for this tenure-track Assistant Professor position should reflect particular expertise and interest in mathematical aspects of Data Science, for instance, with focus on related large scale stochastic optimization, or artificial intelligence concepts, or sparse recovery.

Candidates must have a Ph.D. in Mathematics, an outstanding research program, a commitment to effective teaching at the undergraduate and graduate levels, and a demonstrated potential for excellence in both research and teaching.

Applications must be submitted through the University’s online employment system “USC Jobs” at https://uscjobs.sc.edu/postings/37440. A completed application should contain a cover letter, curriculum vitae, description of research plans reflecting on connections with the research areas of DASIV, and statement of teaching philosophy. In addition, four letters of recommendation should be made available through https://www.mathjobs.org/jobs/USC/DASIV. One of the letters should appraise the candidate’s teaching ability.

The beginning date for the position will be August 16, 2019. Review of applications will begin on November 5, 2018, and continue until the position is filled. To ensure full consideration, applications should be received by November 12, 2018. Please address inquiries to binev@math.sc.edu.

The Mathematics Department (http://www.math.sc.edu/), located in the heart of the historic campus, currently has 37 tenured and tenure-track faculty, 9 instructors, 51 graduate students, over 180 majors, and 40 minors. Faculty research interests include analysis, numerical analysis, modeling and simulation, scientific computing, biomathematics, constructive approximation, discrete mathematics, as well as algebra, geometry, logic, number theory, and topology.

The University of South Carolina System (www.sc.edu) comprised of the state’s flagship university in Columbia (founded in 1801 and currently one of the top 50 "Best Colleges" according to U.S. News and World Report), three regional comprehensive universities (USC Aiken, USC Beaufort and USC Upstate), and Palmetto College consisting of four two-year campuses (USC Lancaster, USC Salkehatchie, USC Sumter, USC Union and Fort Jackson/Extended University). Together, the USC System institutions offer more than 450 degree programs on campus and online and are uniquely positioned to meet the state’s educational, cultural, health and research needs. The System employs nearly 14,000 people who work daily to improve the lives of students, fellow South Carolinians and the world. Our diverse engaged faculty and staff enjoy a dynamic and intellectually stimulating work environment.

The University of South Carolina is an affirmative action, equal opportunity employer. Minorities and women are encouraged to apply. The University of South Carolina does not discriminate in educational or employment opportunities on the basis of race, color, religion, national origin, sex, sexual orientation, gender, age, disability, veteran status or genetics.