Tenure-Track Assistant Professor in Solar Physics and Astro-informatics at Georgia State University, Atlanta, GA, USA

The Department of Physics and Astronomy at Georgia State University (GSU) is seeking to fill a tenure-track faculty position at the assistant professor level to begin Fall 2024.

We are looking for a solar physicist with significant expertise in the MHD of the solar corona and flares and/or in Big Data and Machine Learning, along with a desire to enhance GSU’s solar physics and big data curriculum. GSU tenure-track faculty divide their efforts between research (40%), teaching (40%, including student mentoring), and service (20%, institutional and professional). The new hire will join our Astro-informatics Cluster, a close collaboration between the solar/stellar physics groups in the department of Physics and Astronomy, and the Computer Science department at GSU. We work closely with the remote sensing for space sciences group and the global muon detector initiative in our department.

Our ideal candidate will have a strong background in solar and stellar physics and demonstrated expertise in relevant fields in AI and Data Science.

Applicants should have the following basic qualifications: 1) Ph.D. in astronomy, physics, or closely related field, 2) postdoctoral research experience, 3) evidence of the ability to establish and maintain a successful research program, 4) evidence of the ability to teach GSU’s undergraduate and graduate students, 5) evidence of the ability and desire to work in a large, collaborative environment.

Georgia State University, an enterprising R-1 University, is in the heart of downtown Atlanta, a vibrant and growing international city in the Southeast. The Atlanta area offers an excellent climate with mild winters and pleasant summers, and a cost of living below the national average. GSU enrolls and graduates one of the most diverse student bodies in the nation and advances innovative research. GSU therefore strongly encourages applications from candidates who will enrich the research, teaching, and service missions of the university. GSU is an Equal Opportunity/Affirmative Action employer, and all qualified applicants will receive consideration without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or status as a protected veteran.

Applications should include 1) a CV, including a detailed publication list, 2) a statement of the candidate’s research interests describing how the proposed research will be synergistic with and complement existing research of the cluster, 3) a statement of teaching experience and philosophy, 4) a statement of how the candidate’s professional and academic experiences have prepared them to support and apply GSU’s mission and core values (https://strategic.gsu.edu/), and 5) contact information for at least three references. All materials should be sent via email to AstroSearch@astro.gsu.edu. Questions regarding the position can be addressed to Dr. Piet Martens at pmartens@gsu.edu. Applications received by November 15, 2023, will receive full consideration.