

**Faculty Position in Theoretical/Computational Low Temperature Plasma Physics
Physics Department, Auburn University**

The Physics Department at Auburn University is now seeking a highly qualified individual for a tenure-track faculty position, at the level of Assistant Professor or Associate Professor, in the area of theoretical and/or computational low temperature plasma physics. The successful candidate will join a vibrant department that conducts research in four research clusters: atomic physics, biophysics, condensed matter physics, and plasma physics. In particular, the Auburn Physics Department has a large, active plasma group that includes ten faculty members that pursue experimental, theoretical, and computational research in fusion, space plasmas, dusty/complex plasma, and an emerging effort in low temperature plasmas. We are seeking a strong candidate who will build strategic collaborative relationships with the Physics faculty, the plasma group, and other researchers both on- and off-campus. Candidates should have a strong research record of computational and/or theoretical research in basic and low temperature plasma science relevant to emerging applications. The successful candidate will be expected to: (1) demonstrate strong leadership potential in the area of plasma physics, (2) establish an independent research program at Auburn University, (3) provide direction to undergraduate and graduate students and post-doctoral researchers in plasma physics, (4) establish interdisciplinary research collaborations to broaden the impact of plasma physics and (5) conduct excellent instruction at the undergraduate and graduate level in the Physics curriculum. Applicants must possess a Ph.D. or equivalent degree in physics or a closely related field at the time employment begins. Post-doctoral research or equivalent experience is highly desirable. Excellent written and interpersonal communication skills are required.

Auburn University, the College of Sciences and Mathematics (COSAM), and the Physics Department have a collegial, collaborative environment. A primary goal for our College and the Physics Department is the development of inclusive environment by strengthening the diversity among our faculty, staff, and student body. The Physics Department has a community of approximately 45 faculty, lecturers, and staff, 65 undergraduate students, and 48 graduate students. We are particularly interested in receiving applications from persons in groups that have been historically underrepresented in physics.

Applications must include a cover letter, curriculum vitae, a statement of teaching philosophy, and a statement of research. All applications must also provide a statement which describes how your past and/or potential contributions in teaching, research, and/or service will serve to advance the our mission of creating an inclusive environment. Please visit the COSAM webpage that describes content this statement: https://aub.ie/cosam_inclusion

Candidates must apply online at: <https://www.auemployment.com/postings/19552>

The review of applications will begin on December 1, 2020 and will continue until the position is filled. The desired starting date is August 16, 2021. The candidate selected for this position must be able to meet eligibility requirements to work in the United States at the time the appointment is scheduled to begin and continue working legally for the proposed term of employment.

Additional information about the Physics Department is available at: <http://www.physics.auburn.edu>

Auburn University is understanding of and sensitive to the family needs of faculty, including dual-career couples. Please visit the following link for more information on Auburn's guidelines:
<http://www.auburn.edu/academic/provost/pdf/guidelines-dual-career-services.pdf>

For information about the Auburn community please visit: <http://www.auburn.edu/academic/provost/facultyjobs/>

Auburn University is an EEO/Vet/Disability Employer and committed to building an inclusive and diverse community