Associate/Full Professor - Research Area: High Intensity Lasers
Colorado State University

Job Title	Associate/Full Professor - Research Area: High Intensity Lasers
Department	Electrical and Computer Engineering https://www.engr.colostate.edu/ece/
Institution	Colorado State University Fort Collins, Colorado
Date Posted	Oct. 14, 2025
Application Deadline	Dec. 31, 2025
Position Start Date	Available immediately
Job Categories	Professor Associate Professor Core Faculty
Academic Field(s)	Optics & Optical Engineering Electrical and/or Electronics Engineering - Other
Job Website	https://jobs.colostate.edu/hr/postings/167533
Apply Online Here	https://jobs.colostate.edu/hr/postings/167533
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Job Description

The Department of Electrical and Computer Engineering at Colorado State University, Fort Collins, invites applications and nominations for a tenure track faculty position at the Associate or Full Professor level to start in Fall 2026. Candidates are sought with interests that complement and expand

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upon current research and teaching activities in the Department in the area of high intensity laser-matter interactions ,high power lasers and applications to high energy density science including laser fusion

New faculty members will be expected to teach undergraduate and graduate courses in electrical and/or computer engineering; advise graduate and undergraduate students; conduct innovative research; and provide service to the department, the university, and the professional community.

The candidate will be expected to: i) conduct vibrant sponsored research in high power laser- matter interactions, ultra-intense lasers and applications ; ii) effectively teach at the graduate and undergraduate levels; and iii) serve the department, university, and professional community. The candidate will embrace the opportunity to work collaboratively with interdisciplinary teams. As a land-grant institution, CSU is committed to serving our communities, and successful candidates will collaborate with stakeholders to advance sustainable, equitable solutions that align with the university's priorities. This is a full-time, nine-month faculty position

Essential Job Duties

Research - 50%

- Expected to be active member of ATLAS (Advanced Technology Lasers for Applications and Science Facility), contributing to research efforts of the new facility and its future upgrades, teaming up with CSU faculty and researchers to cement and further grow the Center into one of the world leading institutes in high-power lasers, high energy density science and technology, and laser fusion.
- Contribute to educate and train graduate and undergraduate students that will have successful careers.
- Publish in leading peer-reviewed journals and present research results at national and international conferences.

Teaching - 40%

- Provide intellectual leadership and excellence in teaching undergraduate and graduate courses in electrical and/or computer engineering and/or SMSE.
- Develop new courses at the graduate level within the candidate's area of research focus.

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Service and Outreach - 10%

- Serve the academic community and contribute to university outreach.
- Serve on department, college, and university level committees where appropriate.

Required Job Qualifications

- PhD degree in electrical engineering, physics or related discipline.
- Evidence of a strong scholarly activity in the form of research publications and extra-mural funding in areas relevant to the position.
- Commitment to the responsibilities of a faculty member – education, research, and service – as demonstrated in the application.
- Research focus in areas within the field of high power laser- matter interactions, ultra-intense lasers and applications.
- At least six years of experience in ultra-intense laser matter interactions.
- The candidate will have the potential to conduct vibrant sponsored research in high power laser-matter interactions, ultra-intense lasers and applications; the ability to effectively teach at the graduate and undergraduate levels; and the interest to serve the department, university, and professional community.

Preferred Job Qualifications

Full professor:

- Strong, internationally recognized research contributions.
- Ability to garner significant external support.
- Strength of publication record commensurate with experience, including impact, and quality of publications.
- Complement/expand upon the department’s current research and teaching activities.
- Potential for continued extraordinary scholarship.
- Teaching and mentoring experience and enthusiasm.
- Ability to establish collaborations with other CSU faculty and researchers of the Advanced Center for Extreme Photonics Center in conducting innovative research utilizing the ATLAS facility.

EEO/AA Policy

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Colorado State University is committed to providing an environment that is free from discrimination and harassment based on race, age, creed, color, religion, national origin or ancestry, sex, gender, disability, veteran status, genetic information, sexual orientation, gender identity/expression, or pregnancy in its employment, programs, services and activities, and admissions, and, in certain circumstances, marriage to a co-worker. The University will not discharge or in any other manner discriminate against employees or applicants because they have inquired about, discussed, or disclosed their own pay or the pay of another employee or applicant. Colorado State University is an equal opportunity and equal access institution and affirmative action employer fully committed to achieving a diverse workforce and complies with all Federal and Colorado State laws, regulations, and executive orders regarding non-discrimination and affirmative action. The **Office of Equal Opportunity** is located in 101 Student Services.

The Title IX Coordinator is the Director of the Office of Title IX Programs and Gender Equity, 123 Student Services Building, Fort Collins, CO 80523-0160, (970) 491-1715, **titleix@colostate.edu**.

The Section 504 and ADA Coordinator is the Director of the Office of Equal Opportunity, 101 Student Services Building, Fort Collins, CO 80523-0160, (970) 491-5836, **oeo@colostate.edu**.

The Coordinator for any other forms of misconduct prohibited by the University's Policy on Discrimination and Harassment is the Vice President for Equity, Equal Opportunity and Title IX, 101 Student Services Building, Fort Collins, Co. 80523-0160, (970) 491-5836, **oeo@colostate.edu**.

Any person may report sex discrimination under Title IX to the **Office of Civil Rights, Department of Education**.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Alauna Sutton
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