

## JUNIOR/ASST SPECIALIST, PARTICLE PHYSICS

Physics Department, University of California, Davis

### POSITION BACKGROUND

We are seeking a highly motivated and enthusiastic individual to contribute to basic research projects in particle physics experiments at the Physics Department, University of California, Davis.

Liquid Argon Group: The second successful candidate will join the liquid argon group in the Department of Physics at UC Davis. The candidate will support Prof. Pantic's team working on different projects focusing on development, fabrication and testing of liquid argon detector components.

### REQUIRED QUALIFICATIONS

- A bachelor's degree in Physics, Applied Physics, or Engineering.
- At least one year of research experience in a physics or engineering laboratory.
- Experience with computer-based quantitative data analysis.
- Ability to write technical reports and scientific articles.
- Ability to communicate clearly.

### PREFERRED QUALIFICATIONS

- Strong organizational and analytical skills.
- Ability to work independently.
- Experience with thermal conductivity and tensile strength testing.
- Experience with Python and Excel.
- Experience in working with high voltage and cryogenic equipment.
- Experience in working with the COMSOL simulation package.
- Experience in working with computer-based mechanical design (such as SolidWorks).

**SALARY RANGE:** Jr Specialist/Asst Specialist, dependent upon experience and qualifications, \$39,500-54,100/yr full-time rate. Appointment will be between 50% - 100% time.

**POSITION AVAILABLE/CLOSING DATE:** For full consideration, apply by April 30, 2019. Applications received after this date will only be considered if the position has not yet been filled.

**TERM OF APPOINTMENT:** One year starting on or about May 1, 2019, with the potential to extend upon satisfactory progress and availability of funding.

**TO APPLY:** Apply online via <https://recruit.ucdavis.edu/JPF02635>. Applicants should submit a cover letter indicating how you meet the minimum and desirable qualifications, most recent CV, and contact information for 2-3 recent references. All letters of recommendation, if requested, will be treated as

confidential per University of California policy and California state law. Documents/materials must be submitted as PDF files.

QUESTIONS: Please direct questions to Professor Emilija Pantic via email [pantic@ucdavis.edu](mailto:pantic@ucdavis.edu)

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age or protected veteran status. For the complete University of California nondiscrimination and affirmative action policy see:

<https://www.ucop.edu/academic-personnel-programs/files/apm/apm-035.pdf>

Under Federal law, the University of California may employ only individuals who are legally able to work in the United States as established by providing documents as specified in the Immigration Reform and Control Act of 1986. Certain UCSC positions funded by federal contracts or sub-contracts require the selected candidate to pass an E-Verify check. More information is available <http://www.uscis.gov/e-verify>.

UC Davis is a smoke & tobacco-free campus (<http://breathefree.ucdavis.edu/>).

If you need accommodation due to a disability, please contact the recruiting department.