

Faculty Name:

Carlos Paz-Soldan

Faculty Email:

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Lab:

Plasma Physics Laboratory

Project Title:

Assemble the CUTE Tokamak – Columbia University Tokamak for Education

Description:

A new plasma experiment – the CUTE tokamak – is being assembled at the Columbia Plasma Physics Lab. The goal of the experiment is to provide a testbed for plasma control experiments with a focus on training and education. Opportunities for student projects exist in all aspects of the assembly, including mechanical design and fabrication or procurement of structural components, electrical design of power electronic circuits to power the device, and instrumentation and control to design interfaces to power the electromagnets of the experiment. Please indicate in your application which area you feel you are most qualified for. Students will also generally assist with other Columbia Plasma Physics Lab initiatives. More information can be found at <https://plasma.apam.columbia.edu>

** This position and others in Prof Paz-Soldan's group have a common application **

** Please apply using the form <https://forms.gle/viSUdEneLy66vFaZ6>. Do NOT email the PI **

** Flexibility in project choice is welcome **

Location of Research:

On Site

of hrs/week:

40

Department/Program:

Applied Physics and Applied Mathematics

Eligibility:

BS, First Year, BS, Second Year, BS, Third Year, BS, Fourth Year, MS

To apply, please contact:

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