

## **Postdoctoral Research Position Intense Positron Beam and Creation of an Electron-Positron Plasma**

The University of California San Diego positron group ([positrons.ucsd.edu](http://positrons.ucsd.edu)) seeks a postdoctoral researcher to work with the APEX collaboration to develop a buffer-gas, trap-based positron source for the creation and study of an electron-positron (“pair”) plasma. The experiment will use the intense positron beam (NEPOMUC) at Technical University of Munich in Garching, Germany, where most of the experimental work will be done. A PhD degree in experimental science or engineering is required. A background in plasma, beam, or atomics physics and fluency in both English and German is preferred. Interested parties should send a CV, a brief summary of research interests, and a list of three references familiar with the applicant’s academic and research experience and abilities to [csurko@ucsd.edu](mailto:csurko@ucsd.edu). UCSD is an equal-opportunity/ affirmative-action employer.