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## An Ultra-cold Neutron User Facility at Los Alamos National Lab

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An ultra-cold neutron source has been constructed and is now operating at Los Alamos National Lab. This source, which is based on a solid deuterium converter driven by pulsed spallation-produced neutrons, provides UCN densities of 30 UCN/cc with negligible source-related backgrounds. The source is able to simultaneously provide UCNs to two experiment locations; the first is now occupied by the UCNA experiment, but the second is available to user experiments. Our plans for continuing the operation of the source as a user facility, and the first planned experiments for both the UCNA apparatus and the second experiment station, will be described.

**Primary author:** SAUNDERS, Alexander (Los Alamos National Lab)

**Presenter:** SAUNDERS, Alexander (Los Alamos National Lab)

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