

SLAC Activities Update

University of Wisconsin

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LZ Madison Group Meeting

November 30

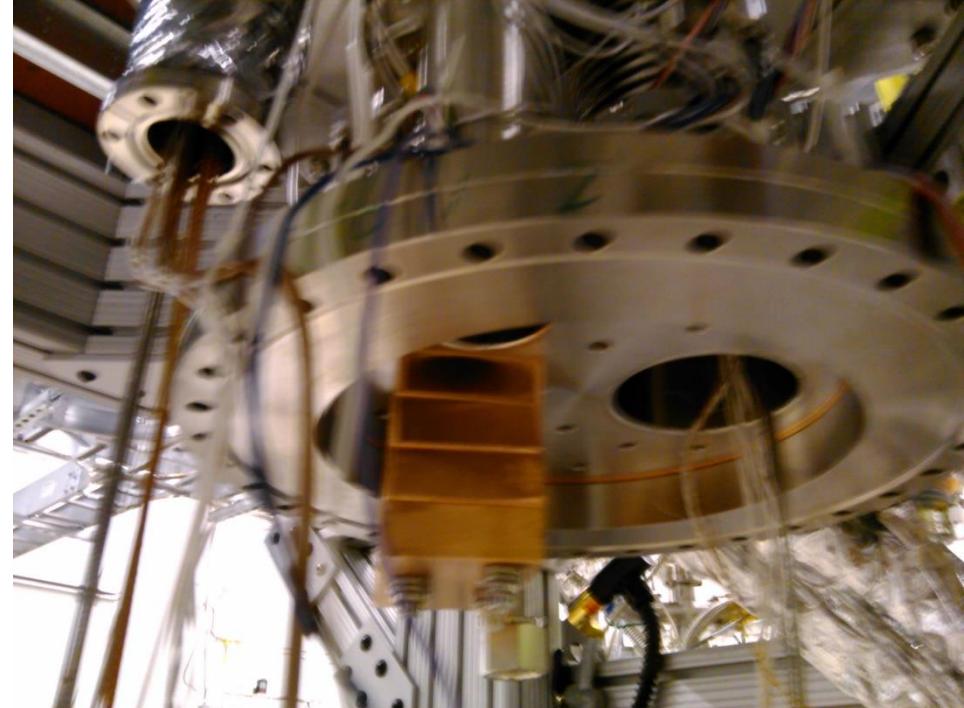
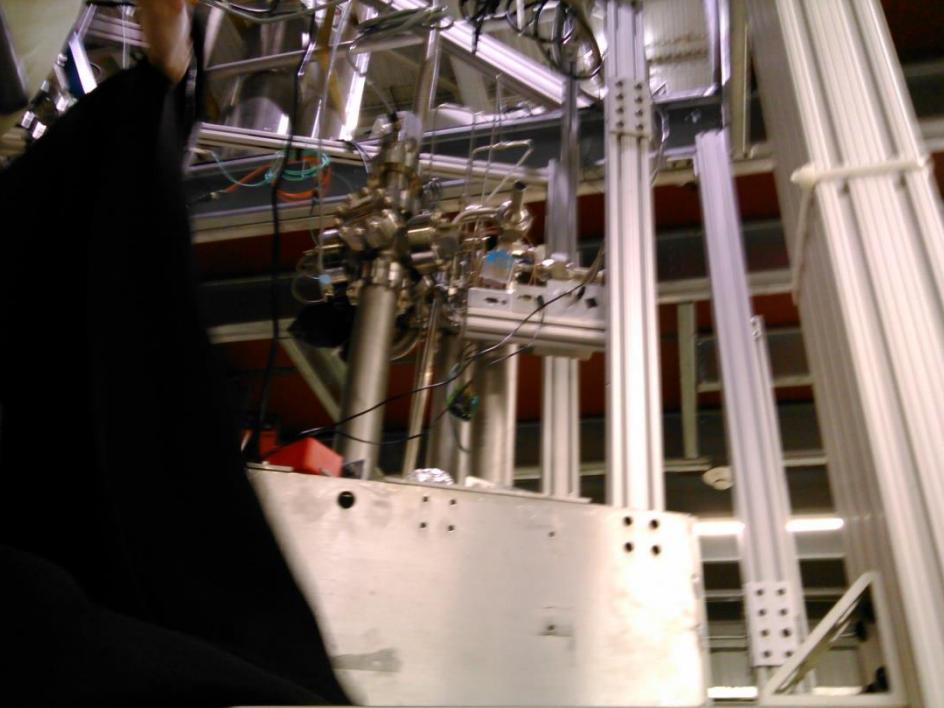


WISCONSIN
UNIVERSITY OF WISCONSIN-MADISON



- Removed all cables and wires from the Xenon space, bagged and labeled.
- Added connectors to cables sent from Oxford for new, additional, sensors.
- Constrained new (and old) cables into two separate bundles, one going to the top of the detector, and on to the bottom through a side tube which bypasses the TPC.
- Cleaned and fed cables and fibers through their various paths.
- Conflat tree reconstructed.
- Top Xenon space instrument mounting designed and in place.
- New Xenon vessel lifted into place.

- Vacuum space sensors placed.
- Cables run into the bottom of the Xe Vessel.
- Sensors attached to bottom of the TPC in the Xe Vessel and cables constrained.
- Vacuum vessels in place.
- Vacuum sealed and pumped down and leak checked.
- Xe space pumped down and leak checked.
- Xenon gas introduced to the vessel to jumpstart cooling.
- Cooling beginning.
- Level Sensor boards fixed and mounted on coffin in boxes. Though one of them has ceased working now.



Top Left: Level sensor boards fixed, and mounted (Right in the center of the image)

Top Right: Two paths for cables, one on left in its own tube, one through the top flange beside the copper block. (Sorry it's a bit blurry)

Bottom Left: Reconstructed conflat tree.