

# CAPTAIN Report – FY17 Q2

## 1. Preparation for Second Neutron Run

The collaboration continues to work on preparations for the neutron run in July 2017 with the Mini-CAPTAIN detector. The Mini-CAPTAIN cryostat and electronics were moved back in to the LANSCE WNR 15-R beamline in March after the end of the LANSCE beam cycle. The three wire planes were tested electronically to determine if any channels needed to be disconnected as sources of noise. Three additional channels (out of 1000) were disconnected. Eight additional PMTs have been prepared to be added to the system and the new Criotec internal filtration system will be added prior to sealing up the system in May.



Figure 1: MiniCAPTAIN cryostat open for electronics testing after moving to LANSCE WNR in March 2017.