

CAPTAIN Report – FY17 Q1

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 internal purification system has been completed and was tested at the Italian firm, Criotec, in December 2016. Delivery of the system is expected in early January 2017. Extensive plans for opening up MiniCAPTAIN and putting the system in are being prepared.



Figure 1: Criotec internal filtration system submerged in liquid nitrogen for testing in December 2016.

2. **November 2016 Collaboration Meeting**

In November 2016, the CAPTAIN collaboration held a meeting in Albuquerque, NM. Presentations including work on the data analysis of the February 2016 neutron run and current plans for preparing for the July 2017 neutron run. The collaboration also set its next meeting for February 2017.