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# Hall A Run Coordinator Report

## (Nov 14 - Nov 21, 2018)

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# Run Summary

**Experiment:** E12-17-003

**Physics goal:** This experiment searches for the either resonance or bound  $nn\Lambda$  state through the  ${}^3\text{H}(e,e'K^+)nn\Lambda$  reaction

**Target:** Hydrogen (calibration), Tritium

**Overall Progress:** 10 shifts of Hydrogen data, 68% of Tritium data ( 165 hours of beam )

**Beam hours of this week :** ~50 hours of beam on Tritium

# Daily Activities

## **Nov 14 (Wednesday)**

Smooth data taking. 15 hours of beam on Tritium

## **Nov 15 (Thursday)**

10 hours of beam on Tritium

MCC system recovery and repair from 1pm - 5pm

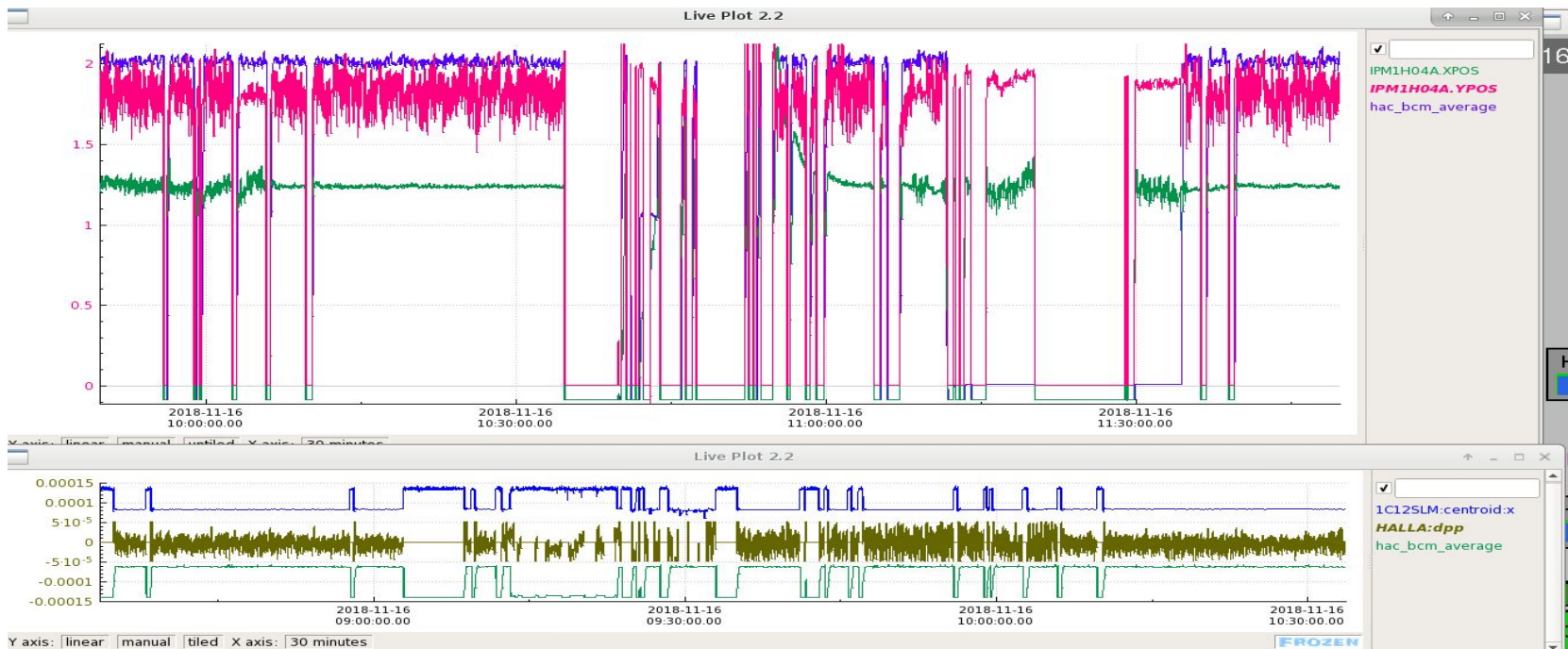
## **Nov 16 (Friday)**

17 hours of beam on Tritium

# Daily Activities

## Nov 17 (Saturday)

- 7 hours of beam on Tritium
- Beam position not stable



# Daily Activities

## Nov 17 (Saturday)

- 7 hours of beam on Tritium
- Beam position not stable
- In the afternoon RQ2 tripped several times. Heidi and Jack entered the hall and bypass a flowmeter. Target ladder temperature stayed around 50k
- Meekins came in to check the target, decided to warm it up for repair



# Daily Activities

## **Nov 18 - 19 (Sunday, Monday)**

- Restricted access
- Replace target 15k transfer line

## **Nov 20 (Tuesday)**

- Target cool down started at 9am

# Extended Run Period

Hours Days	00:00- 08:00 (Owl Shift)	08:00- 16:00 (Day Shift)	16:00 - 24:00 (Swing Shift)
<b>Monday, November 19</b> <a href="#">Show run plans</a>	<b>SL:</b> Paul Gueye <b>TO:</b> Nathaniel Lashley-Colthirst <b>3rd:</b> Dayah Chrisman	<b>SL:</b> Daniel Votaw <b>TO:</b> Toshiyuki Gogami <b>3rd:</b> Victor Rodriguez	<b>SL:</b> William Henry <b>TO:</b> Andrew Moyer <b>3rd:</b> Konrad Aniol
<b>Tuesday, November 20</b> <a href="#">Show run plans</a>	<b>SL:</b> Paul Gueye <b>TO:</b> Nathaniel Lashley-Colthirst <b>3rd:</b> Hem Bhatt	<b>SL:</b> Konrad Aniol <b>TO:</b> Junhao Chen <b>3rd:</b> Victor Rodriguez	<b>SL:</b> Liguang Tang <b>TO:</b> Andrew Moyer <b>3rd:</b> John Williamson
<b>Wednesday, November 21</b> <a href="#">Show run plans</a>	<b>SL:</b> Paul Gueye <b>TO:</b> Bishnu Pandey	<b>SL:</b> Jessica Campbell <b>TO:</b> Hanjie Liu	<b>SL:</b> Liguang Tang <b>TO:</b> Robert Michaels
<b>Thursday, November 22</b> <a href="#">Show run plans</a>	<b>SL:</b> Deepak Bhetuwal <b>TO:</b> Bishnu Pandey	<b>SL:</b> Jessica Campbell <b>TO:</b> Nathaniel Lashley-Colthirst	<b>SL:</b> Liguang Tang <b>TO:</b> Tong Su
<b>Friday, November 23</b> <a href="#">Show run plans</a>	<b>SL:</b> Deepak Bhetuwal <b>TO:</b> Bishnu Pandey	<b>SL:</b> Brad Sawatzky <b>TO:</b> Nathaniel Lashley-Colthirst	<b>SL:</b> Cynthia Keppel <b>TO:</b> Robert Michaels
<b>Saturday, November 24</b> <a href="#">Show run plans</a>	<b>SL:</b> Liguang Tang <b>TO:</b> Bishnu Pandey	<b>SL:</b> Bogdan Wojtsekhowski <b>TO:</b> Nathaniel Lashley-Colthirst	<b>SL:</b> Eric Fuchey <b>TO:</b>
<b>Sunday, November 25</b> <a href="#">Show run plans</a>	<b>SL:</b> Liguang Tang <b>TO:</b> Bishnu Pandey	<b>SL:</b> Brad Sawatzky <b>TO:</b> Nathaniel Lashley-Colthirst	<b>SL:</b> <b>TO:</b>
<b>Monday, November 26</b> <a href="#">Show run plans</a>	<b>SL:</b> <b>TO:</b> Bishnu Pandey	<b>Shift canceled</b> <b>SL:</b> <b>TO:</b> <b>3rd:</b>	<b>Shift canceled</b> <b>SL:</b> <b>TO:</b> <b>3rd:</b>

**Thanks!**