

# MEETING MINUTES

## Topic: Data Acquisition: Client Meeting

Tuesday, April 24, 2018

9:50 am – 10:15 am

Minutes recorded by Jacob Barker

Attendees: Jacob Barker, Samm Metcalfe, Ashley Shumaker (+David Willy)

Table 1. Record of meeting.

<b>9:50 am to end</b>	<b>Data Acquisition Options</b> <ul style="list-style-type: none"><li>• Temperature Measurement<ul style="list-style-type: none"><li>○ Need thermocouples and DAQ</li><li>○ Nat'l Instruments</li><li>○ 2 options: single channel or 4-channel<ul style="list-style-type: none"><li>▪ Single channel: USB TC01 ~\$110</li><li>▪ J or K type w/ male plugs</li><li>▪ 4 channel: ~\$275</li></ul></li></ul></li><li>• Pressure Measurement<ul style="list-style-type: none"><li>○ Prof Willy has NI USB 6009 14 bit DAQ we can use</li><li>○ Pressure transducers<ul style="list-style-type: none"><li>▪ Omega engineering</li><li>▪ 2 things to consider:<ul style="list-style-type: none"><li>• What is expected temperature range of device?</li><li>• What is voltage range for this pressure range?</li></ul></li></ul></li></ul></li></ul>	Room 324C
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