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| **2019-04-04** |

Attendee: In-person: Julio, Henry, Jonas, Nick Google Hangout: Shayli, Phil

Agenda:

* Discuss the next week’s presentation, the presenters will be Julio, Jonas, and Phil.
* We just received some parts that we ordered the last term.

Meeting Minutes:

* We are setting the hard due dates for purchase all the stuff we need. Before June.
* The design of the impeller 10 veins.
* Pump casing redesign, with a backplate, to stop the seal from spinning with the shaft.
* The meeting shifted to the machine shop due to the limited time in our current room.

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| **2019-04-11** |

Agenda and meeting minutes:

* E-mail Baldur regarding faculty advisor meeting, we need to schedule a meeting with him as soon as possible.
* Presentation display mounts.
  + We have two options, first one is that we design our two pumps and make them pair up like dwell house, so we can display the inside of our final assembling pumps and show the audience the two pumps with full function.
  + The second option is making one of our mounting wall with clear material, in order to show the inside scene of our pumps.
* IPA pump timeline:
  + Manufacturing: Case 1, case 2, bearing plate, diffuser, and flange, new impeller
  + Control and measurements
* Cryo decision:
  + Seals
  + Some decisions we are going to make
* At 1 pm moving down to the machine shop, keep working on the design improvement.

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| **2019-04-16** |

* SOLIDWORKS files in the Drive going forward will be titled EFS\_100\_DATE where 100 represents the IPA pump and 200 will represent the 200 pump. The pump will reflect the date it was exported
* Nick will begin making the second impeller but not final geometries until IPA pump has been tested.
* Date set for IPA pump testing is approaching quickly and may not be met.
* Would like to keep O-Ring on Case 1 to improve seal between it and Case 2.
* Meeting with Baldur is still on Thursday - Phil and Julio will call on their lunch break from the conference.

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| **2019-05-07** |

* Showcase material and showing option
  + Material selection
  + Material ordering
  + Display option
* Case finalizing
  + tolerences