

HPRT MEETING MINUTES

Staff Meeting

Honeywell Pressure Regulator Team (HPRT)

Tuesday, 16 January 2018

6:30pm-6:45pm

Minutes recorded by: Myla Azofeifa

Meeting called by: Dr. David Trevas

Attendees: Jordan Loos, William McGinn, Alex Rustaey, Yi Tong Zhang, Amy Swartz

Table 1 - Record of Meeting

6:30pm	Begin Meeting <ul style="list-style-type: none">• Meeting called to order by Dr. David Trevas• Topics:<ul style="list-style-type: none">○ General/Scheduling○ Prototype Updates	Du Bois 011
	General & Scheduling <ul style="list-style-type: none">• Scheduling<ul style="list-style-type: none">○ In the process of scheduling meetings with Honeywell○ DT availability - M through F before 2:00 PM○ Planning on bi-weekly meetings• General<ul style="list-style-type: none">○ Post minutes on the team website from here on out○ Utilize action items section - action items will serve as agenda for following meeting	Du Bois 011
	Prototype Updates <ul style="list-style-type: none">• Picking up where we left off in December• Turboexpander<ul style="list-style-type: none">○ Needs bigger motor○ Smaller area○ Redesign turbine blade• Bellow valve<ul style="list-style-type: none">○ In the process of fleshing out details○ Possibly cast the prototype?	Du Bois 011

Table 2 - Action Items (Tasks Assigned)

Tasks	Person Assigned	Due Date	Date Complete
Design a few turbine concepts.	Alex Rustaey	01/23/2018	
Non-dimensionalize turboexpander system.	Yi Tong Zhang	01/23/2018	
Research potential motors for turboexpander.	Myla Azofeifa	01/23/2018	
Research soft PLA printing techniques/how to print bellow valve prototype.	Bill McGinn	01/23/2018	
Determine geometric model for the area enclosure.	Jordan Loos	01/23/2018	
<i>Complete shop safety training. Must be done on a weekday at 9:30am. Contact Kellan Rothfus for more information.</i>	<i>Jordan Loos Bill McGinn Alex Rustaey Yi Tong Zhang</i>	<i>Spring 2018</i>	<i>Alex - 10/24/2017</i>

Next formal meeting: Tuesday, 23 January 2018, Du Bois 011, time TBD