

HPRT MEETING MINUTES

Team Meeting

Tuesday, November 2017

2:00pm to 4:00pm

Minutes recorded by: Myla Azofeifa

Meeting called by: Alex Rustaey

Attendees: Yi Tong Zhang, Jordan Loos, William McGinn

Table 1 - Record of Meeting

2:00pm	Begin Meeting <ul style="list-style-type: none">• Meeting started by Alex Rustaey• Topics<ul style="list-style-type: none">○ Discussion regarding prototyping○ Prototype showcase	EGR 108
	Turbo-expander vs. Eyelash Bellows <ul style="list-style-type: none">• Part ordering• 3-D printing• Can we control the outlet pressure with a valve?	EGR 108
	Turbo-expander Parts List <ul style="list-style-type: none">• Motor• Compressor• Turbine• Casing• Shaft• Rotating seal	EGR 108
	Prototype Showcase <ul style="list-style-type: none">• Propose that we showcase prototype on Monday, 12/18	EGR 108

Table 2 - Action Items (Tasks Assigned)

Tasks	Person Assigned	Due Date	Date Complete
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Look into NAU patents. Move forward with application process. (Invention disclosure)	Bill McGinn	11/07/2017	
Keep looking into turboexpanders, matchbox turbines. Making our own turbine (making the cast).	Alex Rustaey - Generator Myla Azofeifa - Turbine	11/07/2017	
Institutional excuses for Honeywell Facility visit.	David Trevas	11/07/2017	
Variable area nozzles.	Jordan Loos	11/07/2017	
Pressure sensors	Yi Tong Zhang	11/07/2017	
Reschedule next semester Honeywell meetings, due to class interferences.			
<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>
<i>Complete Advanced Shop Training (following the completion of shop safety training). Available every other weekend beginning 9/9 & 9/10. Contact Kellan Rothfus for more information.</i>	<i>Jordan Loos Bill McGinn Alex Rustaey Yi Tong Zhang</i>	<i>Spring 2018</i>	

Next formal meeting: Tuesday, 21 November 2017, Engineering Bldg. (#69), Room 323 at 3:00 PM (Client Meeting)