

Group Meeting  
AITC  
Chair: Steve  
Secretary: Paul

Friday 29<sup>th</sup> of September

**Summary:**

Decided on project schedule up until wk 10.

**Actionable Items:**

- Finish subsystem reports in 2 wks
- Make a poster before wk 10

**Attendance:**

Steve, Paul, Wen Jie, Brian, Alex

**Apologies:**

Chris – out of town

**Agenda:**

Item	Discussion	Actions + Responsibilities
Meeting Open	S: time to start S: how is everyone going with their thing?	
Update of progress offsite	A: pretty much finished the frame, will start writing the doc today. Want to do some calculations to make sure it's strong enough. S: Why that password change? A: Because it expired. S: *more useless banter* W: these two cooling designs are the same S: yeah W: when the system reaches steady state it's exactly the same W: split into three separate pipes S: that's an option W: so yeah there's a difference S: did you make them yourself? W: yes S: I am awake B: do they have a temperature thing inside the laser A: are you taking notes pole? P: yes S: pole writes notes	
Task Delegation for the day	W: *something about coolers* S: *coolers* S: alex, you seem to know what you're doing A: let's decide what we need to do by week 10	

	<p>S: do we want to take up chris on his offer and have a chat?</p> <p>W: I didn't get that</p> <p>S: yeah you did, you were ccd</p> <p>W: no, I actually legitimately don't have it</p> <p>A: what's your u-number?</p> <p>B: it ended up in junk</p> <p>A: would it be worth meeting with him? it's useless and no time</p> <p>S: he probs have diff priorities, and make us do useless stuff</p> <p>A: not keen on doing that</p> <p>A: let's send him an email saying f off</p> <p>S: phrase it better</p> <p>S: project showcase is on 12 Oct</p> <p>A: I think course work should be a priority. When do we submit the poster?</p> <p>S: Same day as project showcase. 12 Oct.</p> <p>A: In that case let's have it finished by Mon week 10.</p> <p>S: I'd like Jared to go over it and let's stick to the other ones upstairs. Have final draft by Monday week 10.</p> <p>A: It should be easy enough to write a high-level summary of their section. Take intro from old poster.</p> <p>S: Let's rewrite old poster to minimize citations</p> <p>P: steve can't do references without latex anymore</p> <p>A: is everyone happy with that</p> <p>P: I can put the poster together</p> <p>S: I'll get template from marcus</p> <p>W: was EOS cooling 16 or 14?</p> <p>S: 17C</p> <p>W: +-1C precision</p> <p>W: Jack thought cooling will be in the lab</p> <p>S: that's not confirmed</p> <p>S: here's the old poster</p> <p>P: yeah I can make that</p> <p>A: do we want to have all group stuff finished by mon wk 10?</p> <p>S: yeah that gives us two more fridays</p> <p>A: is everyone on track?</p>	
--	--	--

	<p>S: W, are you on track? W: yeah S: inc report? W: yeah, 2-3 pages long A: def can do my bit S: B? B: I have questions about control system, does EOS laser monitor temperature inside the laser? S: What temp? B: Cooling. S: the coolers are separate W: the coolers control the temp of the water S: *lots of pointless discussion about cooling* B: so we don't need any temp sensor? S: no, focus on power draw and comms A: have you thought about getting cables from EC to LH? B: they already managed it A: no, whole enclosure is our idea S: there are 10 cables from EC to LH, if EC is on ground floor that's lots of cables A: also in terms of getting it inside the box A: I was googling something the other day, like air tight cable plugs W: we'll need water cables too, isn't breadboard enclosed? A: yes *shows blueprint* W: you need a gap near where ANU laser is sitting for the cooling S: have one entry point at each breadboard W: yeah that could work B: remember when james drew diagram of 3 breadboards, which breadboard on each level? S: make the same holes at each level W: water flow? ~10 cm pipe W: we will need 3 entry and exit points for 10 cm pipe S: are you sure? is it capable of that? A: do we need a big report if we have subsystem reports?</p>	
--	--	--

Group Meeting  
AITC  
Chair: Steve  
Secretary: Paul

Friday 29<sup>th</sup> of September

	S: yeah because stuff and things W: this is for steel pipes we are not using that, I think it was 9/11 per minute, which is low S: I can't find this meeting, has Chris bamboozled me? W: how many liters is a gallon? S: it's like 3, imperial or the other one? W: what's gpm? P: gallons per minute S: imperial or us? P: US, no one uses that other one W: how is cooling capacity not tied to pump rate? S: *more theory of coolers*	
Meeting Close	S: ok meeting is over	