AURA Exec Meeting Minutes
28/08/2011 12:45PM
Cameron's House

Present: Andrew Chen, Vincent Ardern, Chris Stanton, Scott Goodhew, Cameron Edwards, Ryan Kurte

Meeting opened: 12:50pm

1. Motion to accept the minutes of the last exec meeting (30/06/2011) without correction.
Passed Unanimously.

2. Overview of recent expenditure
About $1000 in membership fees in total this year, roughly $200 from donations from worlds, costs this year so far have been about $700, currently owning about $100 worth of t-shirts
Accepted Unanimously.

3. ERT
Current Projects: Compass, Position Tracking (Optical Flow or Accelerometer), Colour Filtering, Computer Vision
Some components fried. Need an arduino, programmer, 6DOF board ~ $150
Meeting on Tuesdays; 4 members as project leads.
Missed Open Day Deadline, need to make sure things are done when they say they will be.
Accepted Unanimously.

4. MRT
Current Projects: Shifting Gearbox, Mecanum Wheels, Unfolding X-Drive
Team needs a bit more structure, people not sure what to do.
No regular meetings, a couple of people taking charge of individual projects.
Investigating current research on x-drives, possibly writing a paper if there isn't.
CAD Team integrated with MRT, including Humanoid Project.
Accepted Unanimously.

5. World Cup
October 11 -13 at the Cloud on Queen's Wharf, which has been constructed now.
We're sending two robots in one alliance representing AURA. Need to qualify ASAP with two robots. At this stage we're probably sending Java and one other (maybe Python if we can fix it). We should be fine for 6 beds to keep the registration costs down.
We'll need some volunteers since most of the older Massey volunteers have stopped volunteering although they have some new guys as well. Set up some sort of rotation system since competition is during class time; Andrew to make a table in the wiki for people to put their free times for that week to volunteer.
Vincent to organise a driving day to let people practice driving robots (12pm Tuesday).
Need to somehow encourage more people to go to Scrimmage at Rosmini on Saturday - make it more explicit that we can offer transport for people.
Andrew to organise publicity with Faculty media.

Accepted Unanimously.

6. Possible AURA Scrimmage @ UoA
During the summer, December/January/February (preferably December 10).
Cameron has talked to Hamling, we can probably hold one in December.
Andrew to try to book a location (Leech, Fale Pasifika, or Business School).
Organise to have a barbecue (via AUSA?) so people can be fed.
Accepted Unanimously.

7. Presentation at AGGS
There's a technology week at AGGS 19th-23rd September. The teacher in charge, Anthony Hawkins, asked us to go down with some of our robots if we could at one of the lunchtimes - Cameron to e-mail and double check when they want us there.
Accepted Unanimously.

8. Mentoring
We've been helping at scrimmages pretty much every week.
Teams currently being mentored: Kristin, WGHS, TGS, Avondale, Lynfield, MAGS, OHS
WGHS needs some special attention. Cameron and Oliver going to OHS on Wednesday.
Kristin - check with TP to see if he's actually going.
TGS - parts have been delivered, team is set up and they meet on Thursdays.
EGGS, Dio, Baradene, St. Peters - we'll stop trying to convince these teams to Vex as we currently do not have the capacity to mentor them and our current efforts seem to have had no effect.
Accepted Unanimously.

9. Kiwibots
Set up a quick meeting with Hamling (maybe Maurice) before World Cup, at UoA? Maybe during the break. Things to discuss with them: Volunteers for World Cup, Possible Scrimmage @ UoA, Editing/Maintaining the website, finding out more information about other uni teams, holiday programme workshop.
Accepted Unanimously.

10. AGM
- Proposed 2012 Exec Structure: Chairperson, Treasurer, Mentoring Officer, Fundraising Officer, Competition Officer (Exec to appoint a person for vice-chairperson at first meeting).
- Aims of the Club: E) Facilitate the advancement of research in the field of robotics.
- 6e) The quorum for a General Meeting shall be the lesser of one quarter of the members or twenty members of the Club, and any business transacted while the meeting is inquorate shall be null and void.
- Membership Fee - $40 a year, $20 if you join after final day of Semester 1 classes.
- Board & Card Games Night - 500, Settlers of Catan, other board games (Talk to Giselle?)
- Andrew to supply some prizes
Accepted Unanimously.

11. Fundraising and Sponsorship
Seafood Cooking School, Laserforce/Megazone (after sem 2)
Preparing promotional package for companies/businesses
Formation of actual fundraising/sponsorship team with new members - Michele, Giselle, Yan, Ryan, Vincent, Andrew, to be reformed after AGM
Yan is a member of IET, and is campaigning to try and get us some sponsorship there
Nick Lim's mentor got promoted to Operations Manager at Gen-I, might be able to sponsor us
Accepted Unanimously.

12. Social Events
Laserforce/Paintball, Tenpin Bowling, Board/Card Game Night, LAN, Movie Night, Ice Skating?
Accepted Unanimously.

13. Online Challenges
Oliver looked at the challenges that we could enter:
Website Challenge - not putting much work into it, just entering it because we have one.
Educational Video Challenge - if people are interested?
Design-a-Game/CAD - Maybe? Waiting for Autodesk Challenge to be released.
Accepted Unanimously.

14. Humanoid Vex Project
CAD a humanoid robot from Vex parts, and do some initial feasibility studies.
Ask Vex if they would sponsor us the parts to build it (kind of like Cheesy Poofs cannon).
Integrate other university technologies such as IPT and Computer Vision systems.
Build and display at university (maybe worlds) for PR.
Andrew and Chris to lead (CAD for now).
Accepted Unanimously.

15. Workshops for schools
Aimed at new vex people, and at students who are at schools without vex programmes Y7+.
Three-day workshop, we can run multiple workshops, loosely based on what we did for new uni students - run it the week before the scrimmage (wed thur fri), and the end of the workshop we can finish on a scrimmage. Talk to Hamling about it, but aim for between Term 2 and 3 2012.
Accepted Unanimously.

Meeting closed 2:30pm