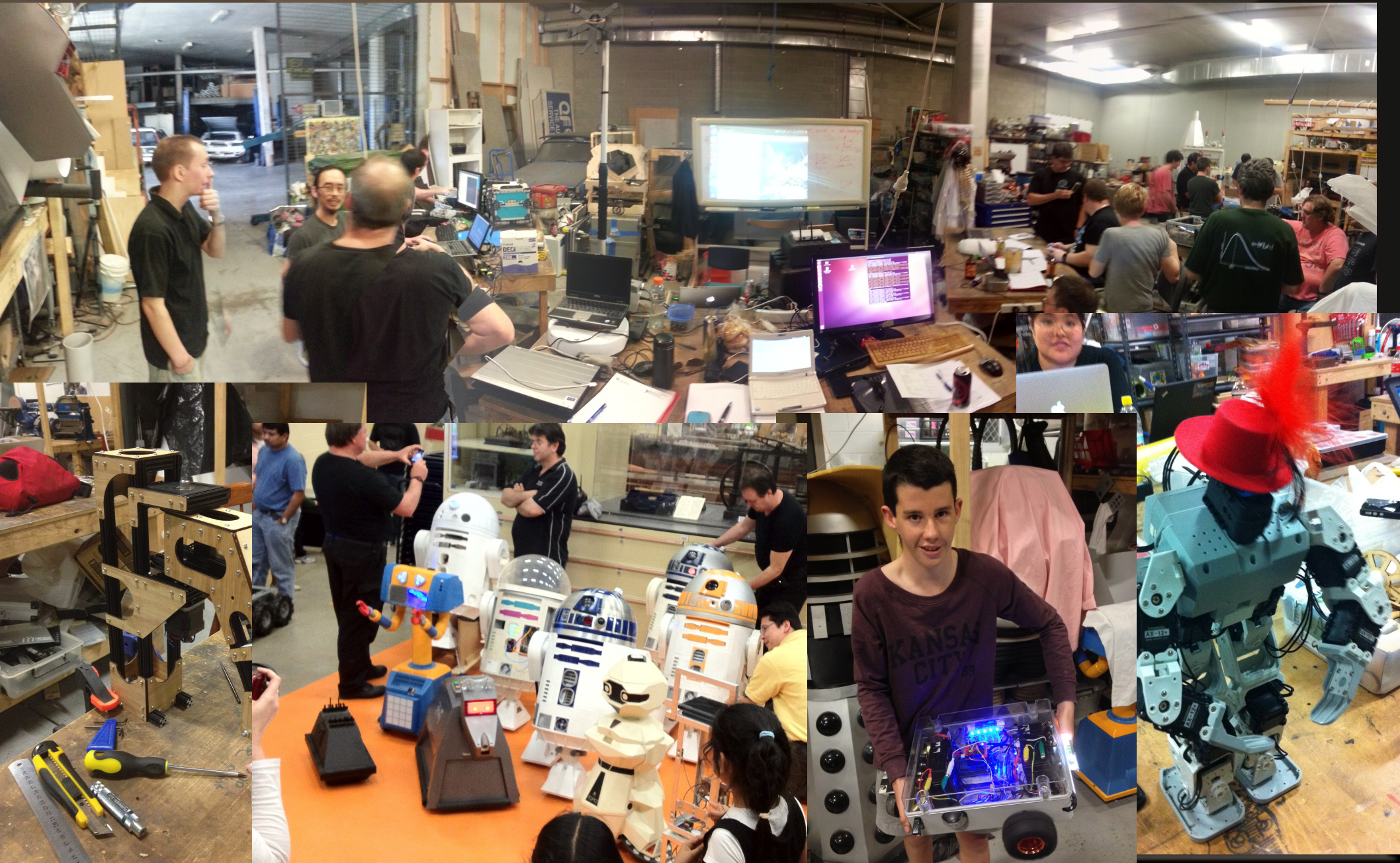


# Running a ROS Workshop





# *Background of RnD*

- Community workshop “Hackerspace”
- All volunteers, tinkerers
- Wide variety of backgrounds, ages, interests
  - 'What's a command line?'
  - 'Your arm is wrong. You should put the tendon here.'
- Want to give teaser of what's possible. Encourage further effort.

# Workshop

- Mix of activities
  - Bit of theory, bit of practice
  - Theory of Topics, practical exercise finding topics.
- Shameless bribery for correct answers.
  - First person to publish a string to this topic gets chocolate!
- Briefly cover useful libraries and packages, to hint where people will want to explore



# *Prep:*

- Standard machine config.
  - Agree on IPs, hostnames, etc.
  - Run NTP or chrony to sync.
- Test comms!
  - Ping, rostopic list, roswtf. Rviz
- Backup power for robots. Charge everything.
- Handouts to take home. Linux cheatsheet, ROS cheatsheet.



# *Follow Up: (In Progress)*

- Create local user group to keep in touch.
- Regular meetings
- Encourage show and tell, newbs, bringing in a project.
  - What worked, and what didn't?
- Fits extremely well in a hackerspace environment