

# VBL Survey Results

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Rev 1.0

 **eRSI** Victorian eResearch Strategic Initiative



MONASH University



- Why the survey?
- We needed to find out what the user community wanted.
- We needed to find out what the user community did not want.



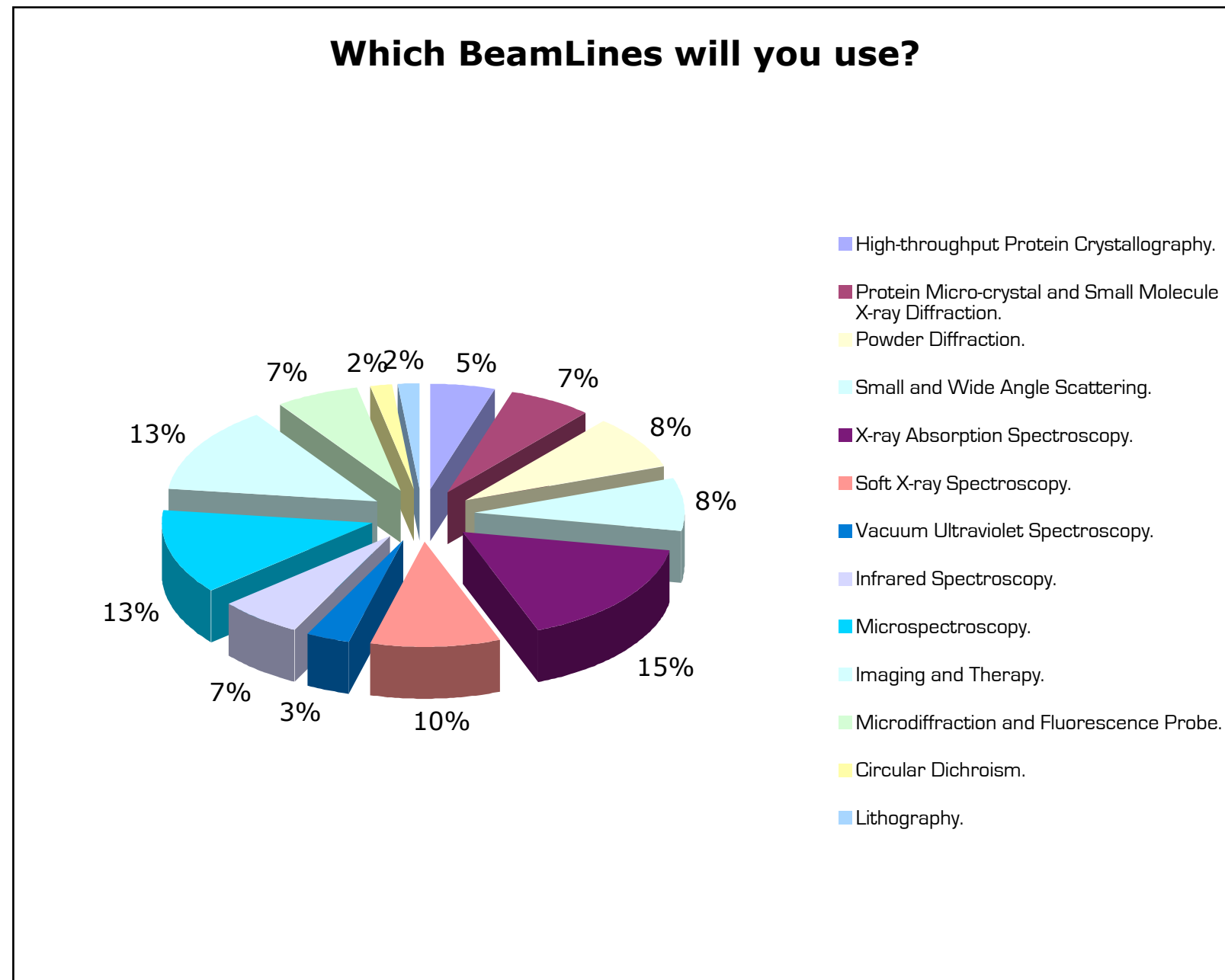
- The survey consisted of 50 questions.
- In the areas of
  - Background Information
  - Computer Services
  - Video and Voice services
  - Storage Services
  - Compute Services



# Background Information



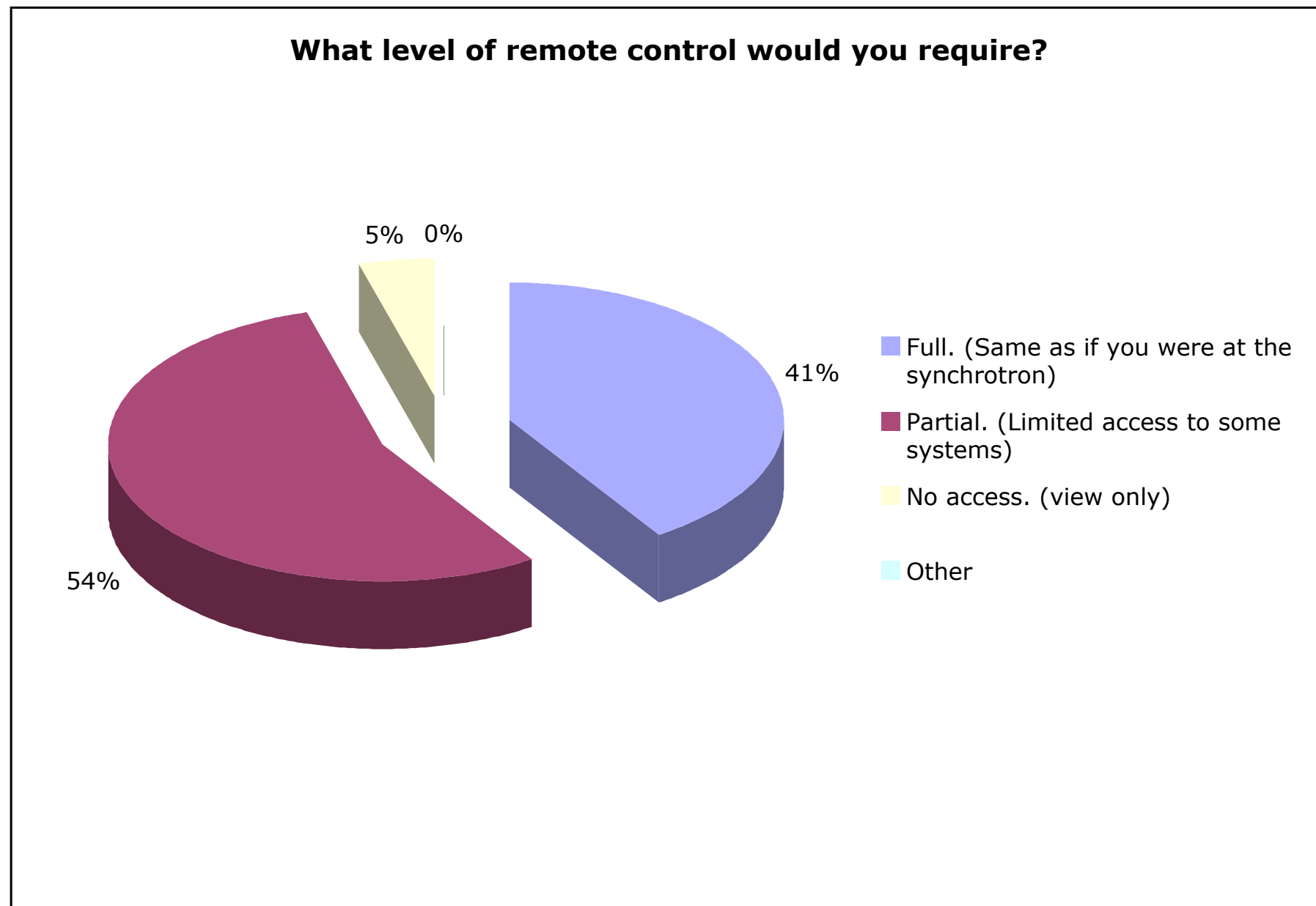
- We have Surveyed a cross section of beam line uses?



- With responses from 6 states at
- ACT 14%. NSW 19%. QLD 5%. SA 5%. WA 5%. VIC 52%.
- and with the high Victorian response
- we still have an 86% yes response to the question
- Would you use a Virtual beam Line (VBL) to access the synchrotron and other researchers located there?



- What level of remote control would you require?



- What would be the key requirement to make the VBL useful?
- Complete control, availability of technology equipment, Simplicity, access from office, Instrument emulation, view data (including specter and maps) remotely, fast access to detector, detailed info on beam-line and end station, User friendly interface, Reliability, uncomplicated, Speed, mentoring only post doc/student, video phone, share data, share doc image and graphs, view of instrument, view of settings/programs, change remote, response time, onsite person, security, video of live animals during imaging, monitoring animal health, physiological parameters





# Computer Services



- We found that the majority of users are running Windows XP at 69%.
- With OS X, Linux, SUSE, Ubuntu and older versions of Windows (ME NT 2000) making up the rest.
- With 23% unable to install applications without admin support on SOE's.



- With 70% of users requesting a GUI interface and 26% requesting a web portal.
- Of these 0% wanted a purpose built room, 4% a separate system, 48% on their desktop and 48% on their laptops.



- We also found that the user community believe they have internet connection speed between 64Kbps and 1 Gigbps
- With the majority on 100 Mbps 33% and 10 Mbps 23%



# Voice and Video Services



- Their seems to be a very low uptake of any kind of collaborative VC systems with a small uptake of personal VC systems e.g. iChat, Messenger.
- And an even lower uptake of Internet voice services.



- 57% of users use paper journals and 37% using electronic journals 7% not using a journal.
- But 77% of users would use an electronic journal if it was provided.



- Or user community is camera shy as well with 77% response to no recording of the sessions.
- Although responses positive to recording of sessions all came from the medical beam-lines.
- Comments on health of subjects and ethics conformations where voiced



# Storage Services



- We found a large variation in data connection amounts of 50 Gig per hour to 1M per hour
- With 12% of data sets to be above 500Gig



- online storage with retention up to 12 months for 18% of users and near or off line archives of 1 year for 39% to 10 years for 9 %.
- 89% of users also require annotation.



# Compute Services



- 72% of users would like access to compute power but 76 % use a desktop or laptop.
- With only 24% using a cluster.



- 30% of users wish to access their data straight away with another 22% that day

- 86% would like site and safety inductions via the VBL
- 90% would like simulation or training via the VBL
- 95% would like the VBL log data for a session with 84% would like it added as metadata to the experiment.

