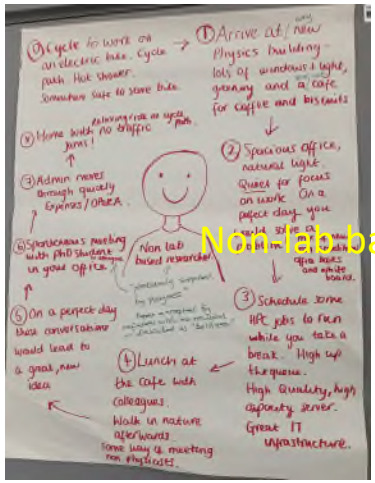
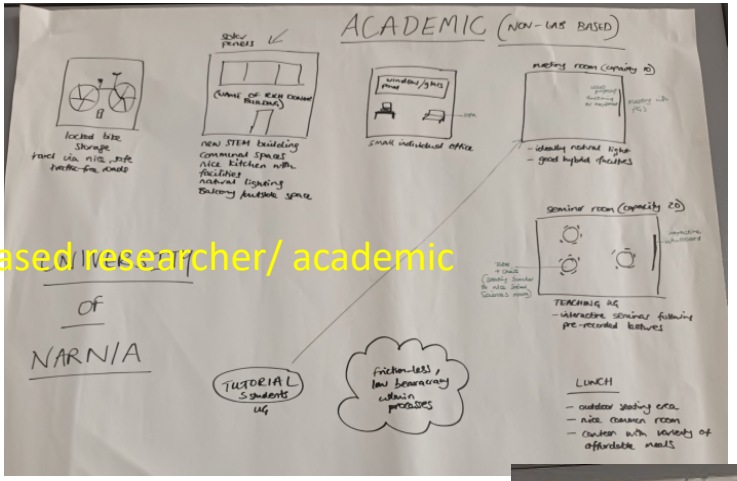
Physics Staff Away Day

Wellesbourne campus

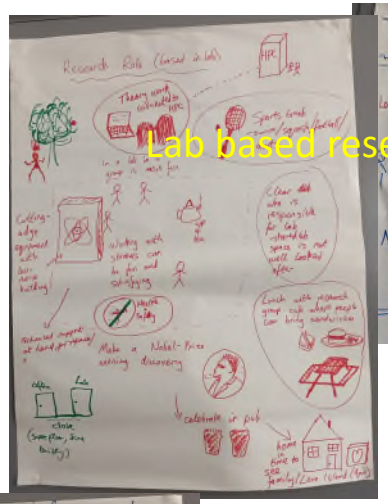
13th September 2022

Session 1: What is a great day in Physics?

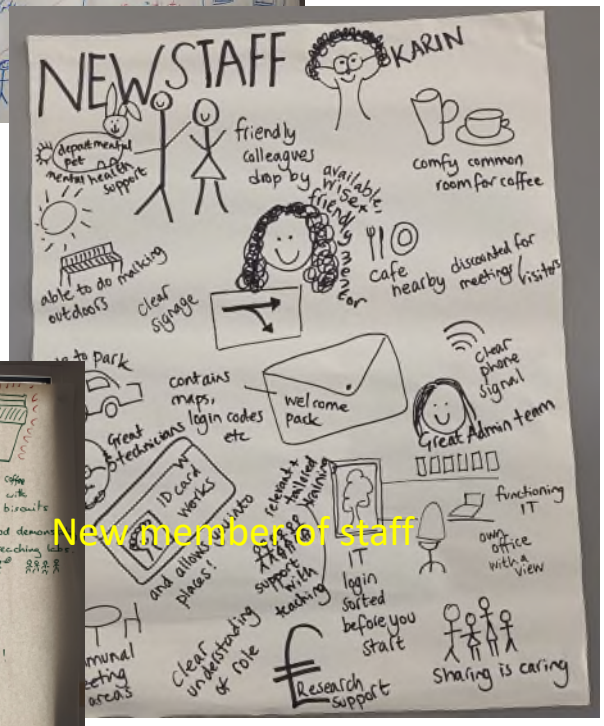


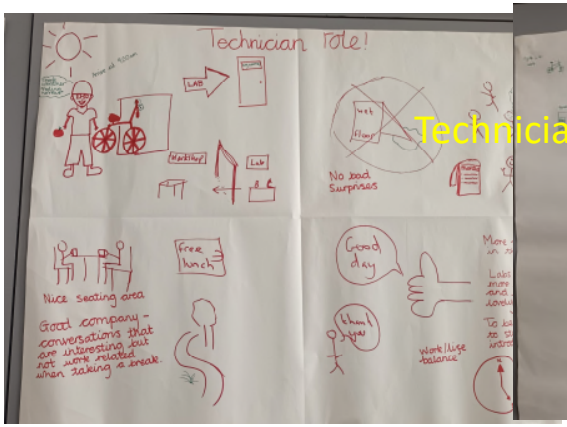


Non-lab based researcher/ academic

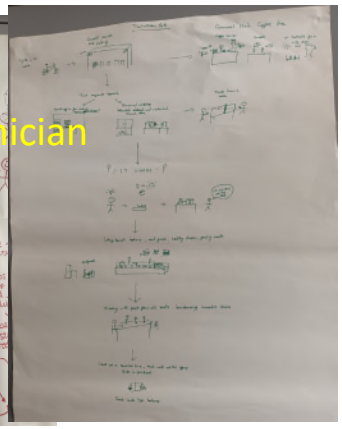


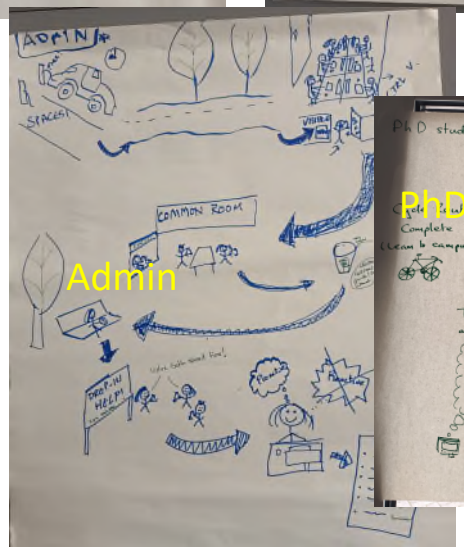
Lab based researcher





Technician





Admin

PhD student

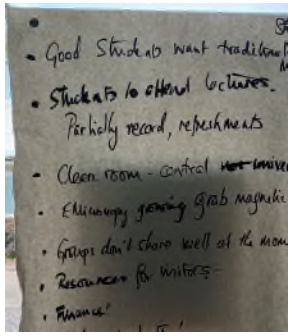
New member of staff

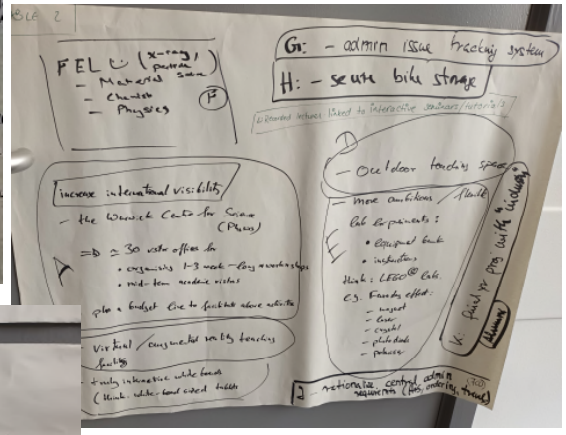
Highlights- what is a great day?

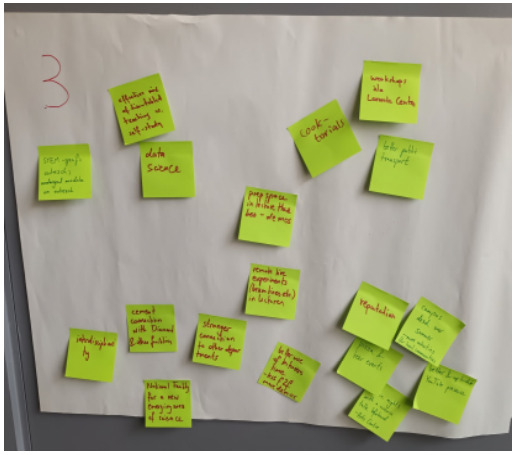
- engaged enthusiastic colleagues and students
- high quality workspace and facilities
- Cycling facilities
- Close proximity of labs, offices, workshops
- Smooth admin
- IT infrastructure
- Common room and Karin
- Somewhere to make food/drinks
- Outside space
- Good work/life balance

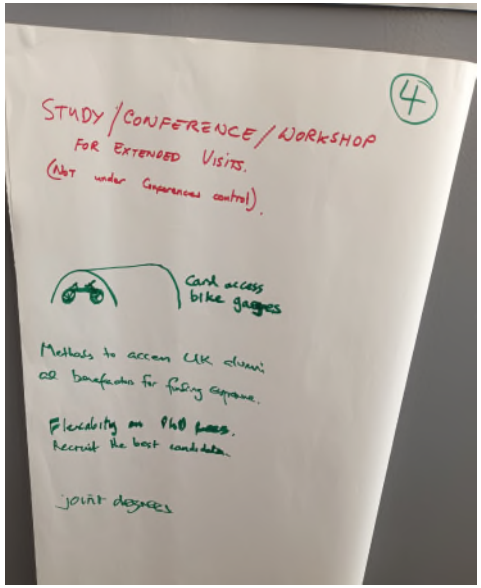
"Every day should at least be good"

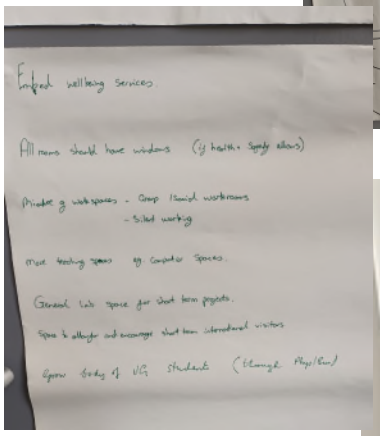
Session 2: Imagining the Future

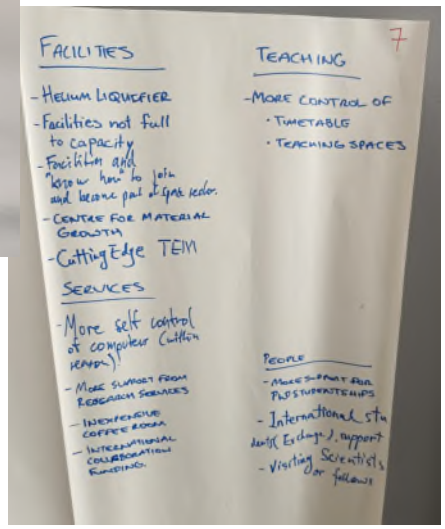


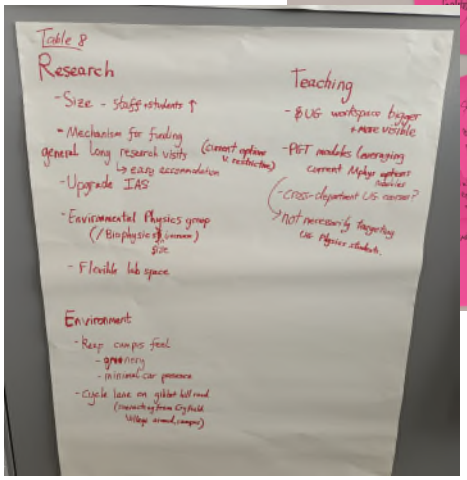


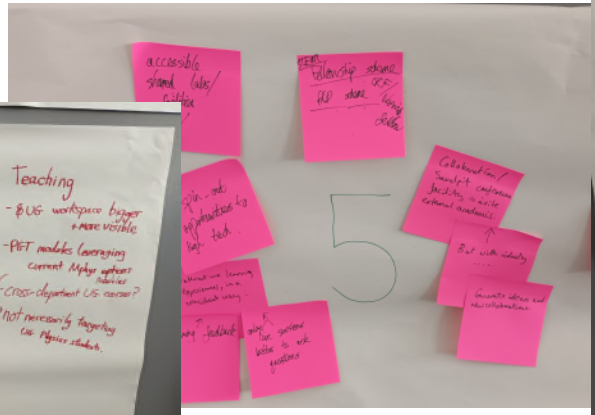


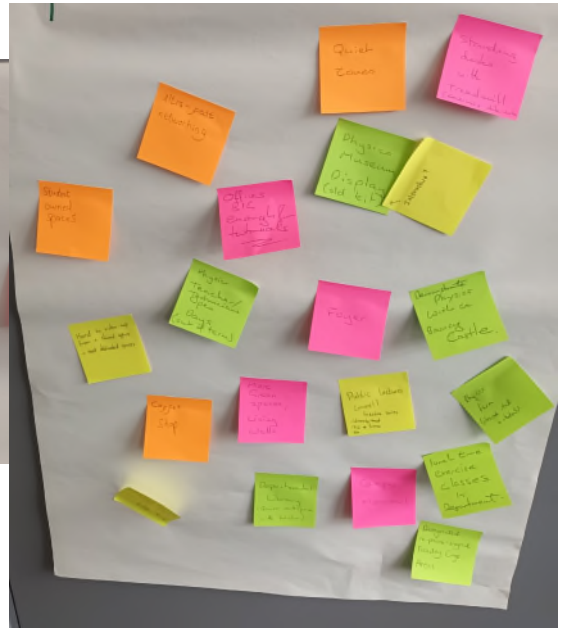












Suggestions for STEM GC and future campus

- Secure bike storage; cycle lane on Gibbet Hill
- Common room, with outside space
- Outdoor space for teaching
- Quiet areas
- Department library (quiet workspace and books)
- Flexible spaces
- Physics museum display (old kit)- interactive
- Collaboration/ sandpit conference facility for extended academic and industry visits, and associated budget to support
- Accessible/shared/ flexible labs
- Space for big hardware / facility development
- Dedicated space for video calls
- Student owned spaces
- Truly interactive white boards e.g. white board sized tablets
- Prep space for demonstrations in teaching labs

Additional ideas

University level	Department level

• STEM fellowship scheme
• Mechanisms for:
  • funding long research visits- upgrade IAS?
  • international student exchanges
  • better engaging UK alumni
• More support from R&IS
• More self control of computers for research
• More flexibility on levels of PhD fees
• More public lectures
• Departments have more control of space and timetable
• Admin systems which talk to each other
• More activities on campus for local communities over the summer
	• Create new centres/clusters e.g. experimental physics, material growth
	• Spin out opportunities to high tech
	• Better embed masters and project students into research groups
	• More ambitious/flexible lab experiments
	• Use live teaching sessions for students to ask questions
	• Interactive sessions, learning experiments
	• Remote live experiments in lectures e.g. beamlines
	• Create PGT using current MPhys modules options
	• Teacher/technician open days- out of term time
	• Lunchtime exercise classes in department
	• Final year projects with industry/ alumni
	• Increasing UG numbers through joint degrees/ Physics with Business Studies
	• UG module on outreach
	• Cement connections with national research facilities
	• Workshops e.g. Lorentz Centre