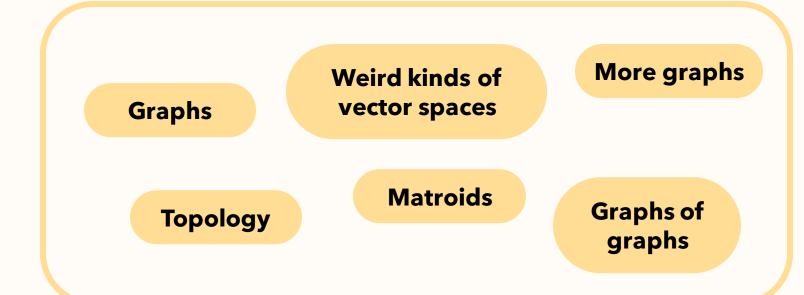
### **KEYTHEMES/TOPICS/SKILLS**

I work with graphs and different ways of analysing their structure and decomposing them. Sometimes this structure relates to embeddability (whether they can be injectively 'drawn' on a surface). Other times it is about connectivity (how robust a graph is to removing vertices). Usually, it's a combination.





## THE BEST PART

Coming up with cool ideas and objects and getting to give them weird names.

The atmosphere is very friendly.

Getting to be part of inventing new and exciting maths.

# Local separators of Cayley graphs





Will Turner

# THE WORST PART

It's very fast-paced and often stressful because of this.

It's easy to accidentally take on too much work and become overwhelmed.

#### AN IMAGE TO REPRESENT MY RESEARCH

