

Mary Richardson-Slipper

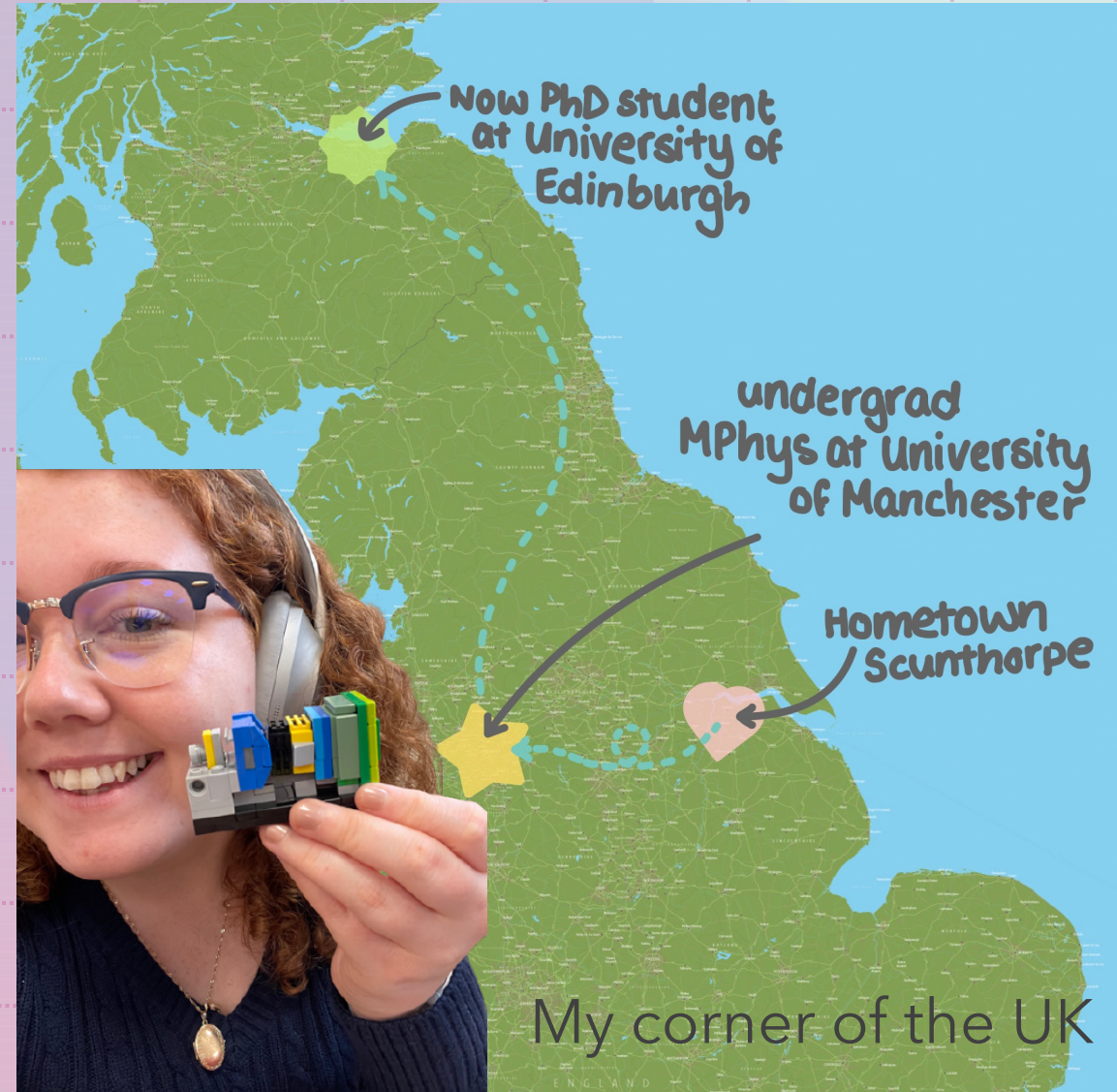
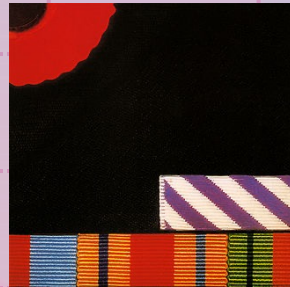
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About me!

- from Scunthorpe (North Lincolnshire)
- Physics at University of Manchester
- PhD student at University of Edinburgh

Hobbies

- Vinyl record collecting
- Rugby union



CP violation in $B_s \rightarrow \phi\phi$

Studying $B_s \rightarrow \phi\phi$ decays with run 3
Supervisor: Matt Needham

Plans:

- Run 3 early measurements
- Measurement of ϕ_s

So far:

- Becoming familiar with LHCb software
 - Making ntuples, using ROOT and RooFit
- Studying the Hlt2 for the decay
 - Efficiency - example plot
 - Rate

