



UCL Undergraduate Mathematics Colloquium

Homepage: <https://ucl-ug-col.github.io>

Instagram: <https://www.instagram.com/ucl.umc>

YouTube: <https://www.youtube.com/@uclundergradmathcolloquium5107>

E-mail: uclugmathcol@gmail.com

Date: **25th March 2026**, Time: **4-5pm**

Location: Room B03, Drayton House, 30 Gordon Street

Life as a mathematics PhD student studying General Relativity

Speaker: **Varsha Varsha** (UCL)

Abstract: I will initially talk about the various steps in my journey towards academia (currently at the PhD level) and more specifically about that in General Relativity as a mathematics student.

I will then turn my focus towards the mathematics: I will briefly introduce **special relativity** and some key concepts (intuitively) in general relativity. I will also introduce the problem I am working on: **geodesics in general stationary axisymmetric spacetimes** and some challenges we have faced along the way.

Colloquium Website

