UCL Undergraduate Mathematics Colloquium

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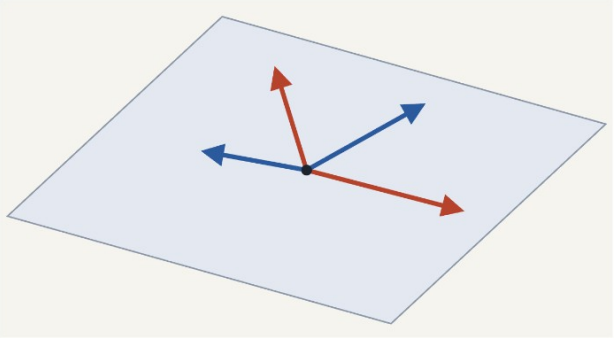
Date: **28th October** 2026, Time: **5-6pm**

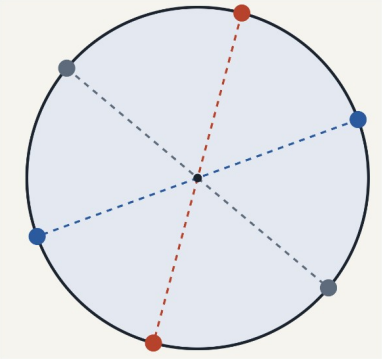
Location: **Room 706, Maths Department**

Stiefel and Grassmann Manifolds

Speaker: **Yuvan Marimuthu** (UCL)

Abstract: Matrices with orthonormal columns are critical throughout mathematics and machine learning. The set of all these matrices is the Stiefel manifold, and the set of subspaces they span is the Grassmann manifold. The talk introduces both of these spaces and explains their relationship. No prior knowledge of manifolds is assumed.





Colloquium Website