



DEPARTMENT OF APPLIED MATHEMATICS

應 用 數 學 系

**The Hong Kong Polytechnic University  
Department of Applied Mathematics**

**Colloquium**

**Some remarks on Finsler geometry**

by

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**Abstract**

Finsler manifolds are natural generalizations of Riemannian manifolds. They are interesting for differential geometry as well as different applications in relativity or biology. Since the topic is not a very popular one, I will give an introductory talk about the geometry of Finsler manifolds, and emphasize differences with the Riemannian case. The main feature of these spaces is that the geodesic are not reversible. As a direct consequence, the distance on Finsler manifolds is not symmetric. Other features and some simple examples will be also given.

**Date : 8 August, 2016 (Monday)**

**Time : 3:00p.m. – 4:30p.m.**

**Venue : TU801, The Hong Kong Polytechnic University**

**\*\*\* ALL ARE WELCOME \*\*\***