



**The Hong Kong University of Science and Technology**

**Department of Mathematics**

**Mathematics Colloquium**

**On Euler characteristic, hyperbolicity,  
and fundamental groups**

by

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**Abstract**

We will investigate various notions of hyperbolicity in Riemannian and complex geometries, with a focus on some conjectures (due to Hopf, Singer, etc.) on Euler characteristic of compact aspherical manifolds.

**Date: Friday, 6 September 2019**

**Time: 3:00p.m. - 4:00p.m.**

**Venue: Lecture Theater F,  
Academic Building, 1/F  
(near Lifts 25 - 26), HKUST**

***All are welcome!***