



**Department of Mathematics**  
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# Undergraduate Seminar

## What is Tropical Geometry?

*Professor Siu-Cheong Lau*  
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Boston University

**Abstract:** Tropical geometry is a relatively young subject which provides beautiful visualizations of algebraic varieties and powerful combinatorial ways to compute ‘invariants’. It is called ‘tropical’ because the subject was found in a tropical area, namely one of the founders Imre Simon (1943-2009) was a Brazilian mathematician. In this talk we will attack various amoebas in the tropical world and extract useful geometric information from them.

Date: 20 May 2016 (Friday)  
Venue: Rm 222, Lady Shaw Building,  
The Chinese University of Hong Kong, Shatin  
Time: 2:00 p.m. – 3:00 p.m.

**\*\*There will be a sharing session from 3:00 – 4:00 pm at Rm. 222, Lady Shaw Building.**

*All are Welcome!*