~~~ ALL ARE WELCOME ~~~

**The Institute of Mathematical Sciences
The Chinese University of Hong Kong**

Public Lecture

A World with only 1 prime

<u>Abstract:</u>   *Euclid proved not-so-long-ago (300BC) that there are infinitely many prime numbers.   These infinitely many prime numbers pose numerous interesting questions, making life more fun for mathematician.   However, they are sometimes a nuisance, for example, when it comes to finding solutions to Diophantine equations.*
In this talk, I will introduce the world of p-adic numbers, where there is only 1 prime (p), and discuss how life is simpler, but still very interesting, in this world.

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Department of Mathematics
University of California, San Diego

September 21, 2010 (Tuesday)

5:30pm – 6:30pm

**LT2, TCW (Teaching Complex at Western Campus)
The Chinese University of Hong Kong *(Map)***

Language: English

Tea reception: 5:00pm - 5:30pm   *Enquiry: 2609 8038*