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

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Tea reception: 5:00pm - 5:30pm
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