

The Liar Game: Truths & Proofs from Euclid to Turing

Thursday, 14th December 2017

6.30—7.30 p.m.

Possibility Room, Level 5

National Library Building

100 Victoria Street

Singapore 188064



Dr. Mark Wildon

Department of Mathematics

Royal Holloway

FREE ADMISSION

Over 2000 years ago, Euclid gave a beautiful proof that there are infinitely many prime numbers. But don't take my word for it! We will see Euclid's argument in action and convince ourselves it is correct. We will then play some mathematical games that show how prime numbers appear in the codes used by space probes, computers and mobile phones.

But mathematics has its limits: my talk will end with Turing's amazing proof that there are things we can never compute, no matter how hard we try.

About the Speaker

Dr Mark Wildon is Reader in Mathematics at Royal Holloway, University of London. He is a prolific author of papers and textbooks on algebra and combinatorics (counting things!). He regularly gives public lectures and strongly believes everyone can appreciate the beauty of mathematical arguments.



Organizer



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