

Alan Turing, Computing, Bletchley, and Mathematics

Speaker: Rod Downey
Victoria University of Wellington

Date: Wednesday, 1 July 2015

Time: 6:30 - 7:30 pm

Venue: Possibility Room, Level 5
National Library Building
100 Victoria Street
Singapore 188064

Free Admission



Abstract

Recently there has been a lot of attention on one of the geniuses of the 20th Century, Alan Turing. This is especially true given the prominence of The Imitation Game. In this lecture, I will try to give a more accurate picture of Turing's work and place in history. I will concentrate on his abstract work in computation, and the work of the wonderful team of cryptanalysts at Bletchley Park.



tlk_tok. "Enigma Machine". 15 August 2012. Online image. Flickr.
Retrieved from <https://www.flickr.com/photos/tiktok-africa/8017133399/>

About the Speaker

Rod Downey, Fellow of the Royal Society of New Zealand, is a Professor of Mathematics at Victoria University of Wellington. His research is in the theory of computation and complexity theory. He is the only person in New Zealand who is a Fellow of the Association for Computing Machinery and the American Mathematical Society. During the Alan Turing Year, he was one of the foundation fellows at the Isaac Newton Institute at Cambridge for the Alan Turing Programme. He recently edited the volume Turing's Legacy for the Association for Symbolic Logic (ASL). He has won numerous awards for his work including a James Cook and Maclaurin Fellowship, the Shoemfield Prize from the ASL, and the Nerode Prize from the European Association for Theoretical Computer Science.



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